

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

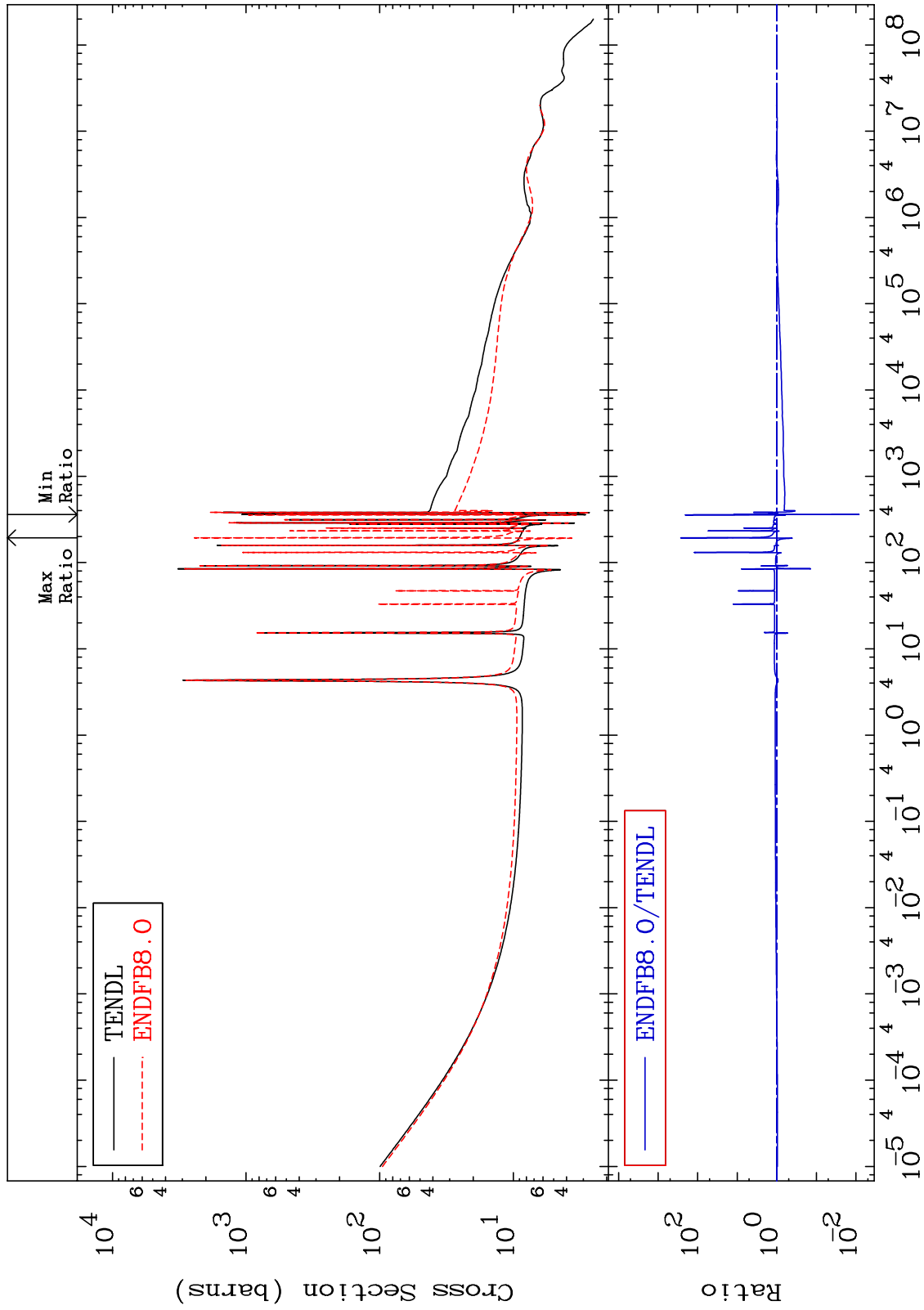
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9643

Total
Cross Section

96-Cm-246
-99.16 To 9999. %



1

Incident Energy (eV)

96-Cm-246

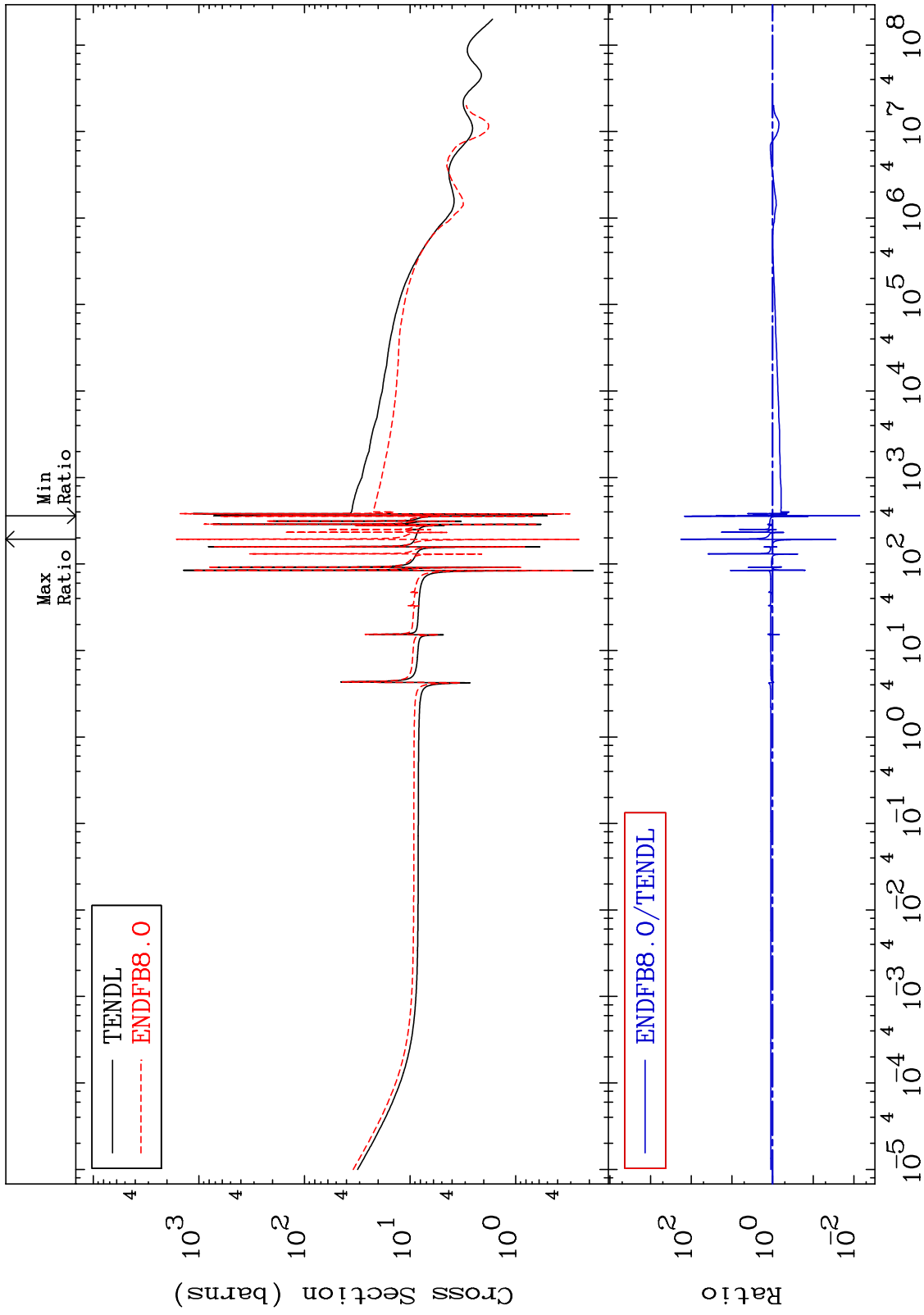
MAT 9643

Elastic

96-Cm-246

Cross Section

-99.28 To 9999. %

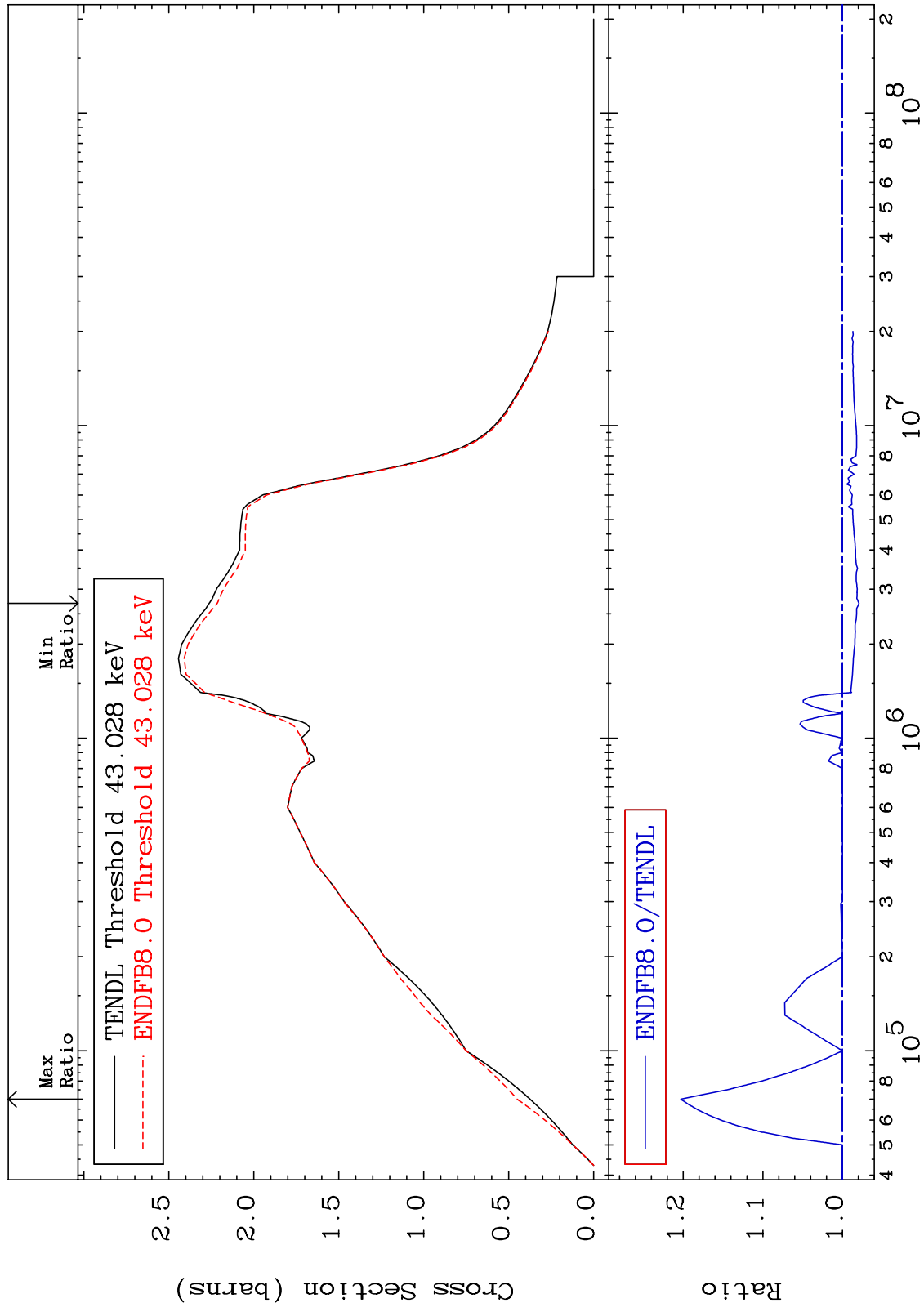


2

Incident Energy (eV)

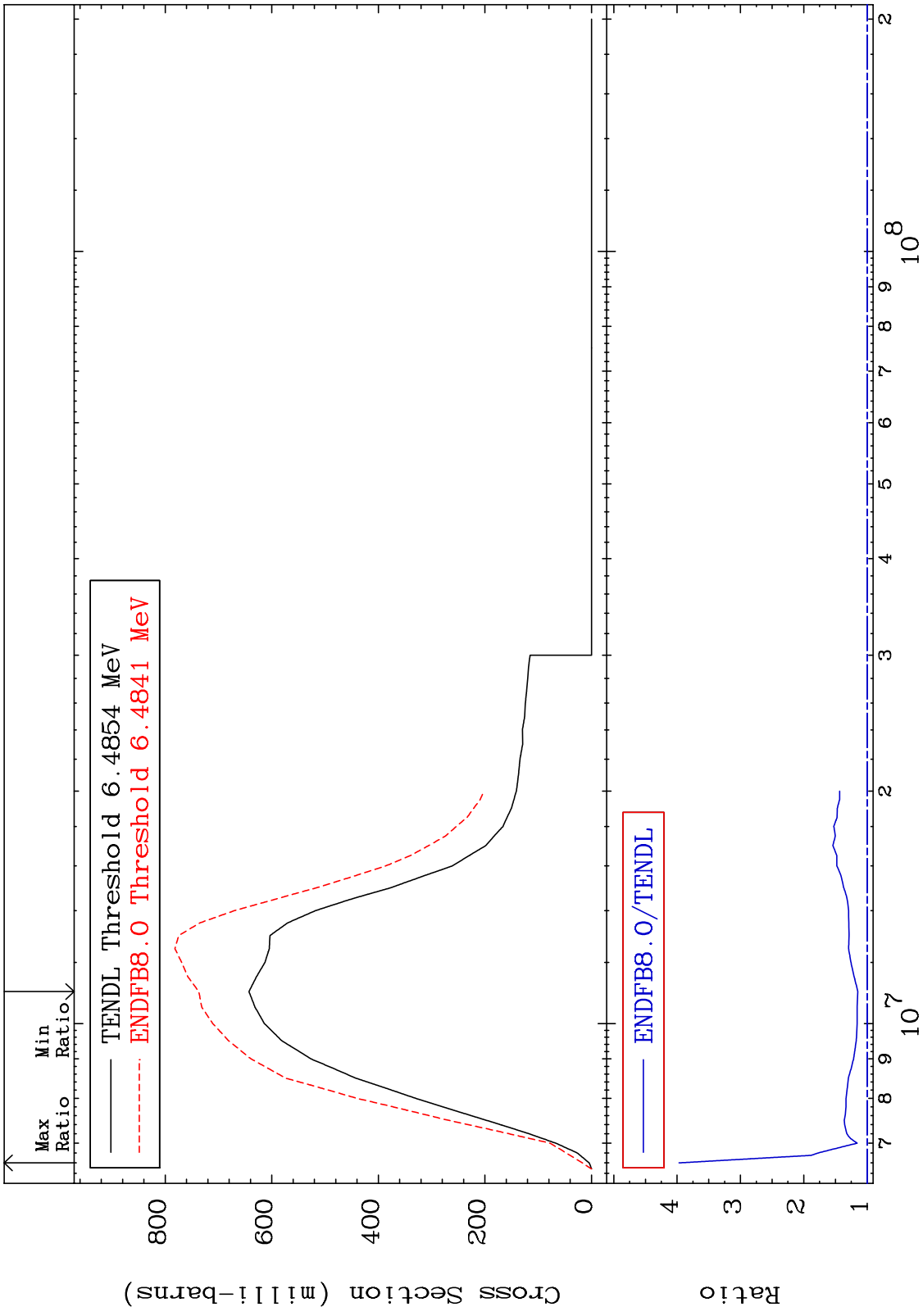
96-Cm-246

MAT 9643 Inelastic Cross Section 96-Cm-246 -2.096 To 20.30 %



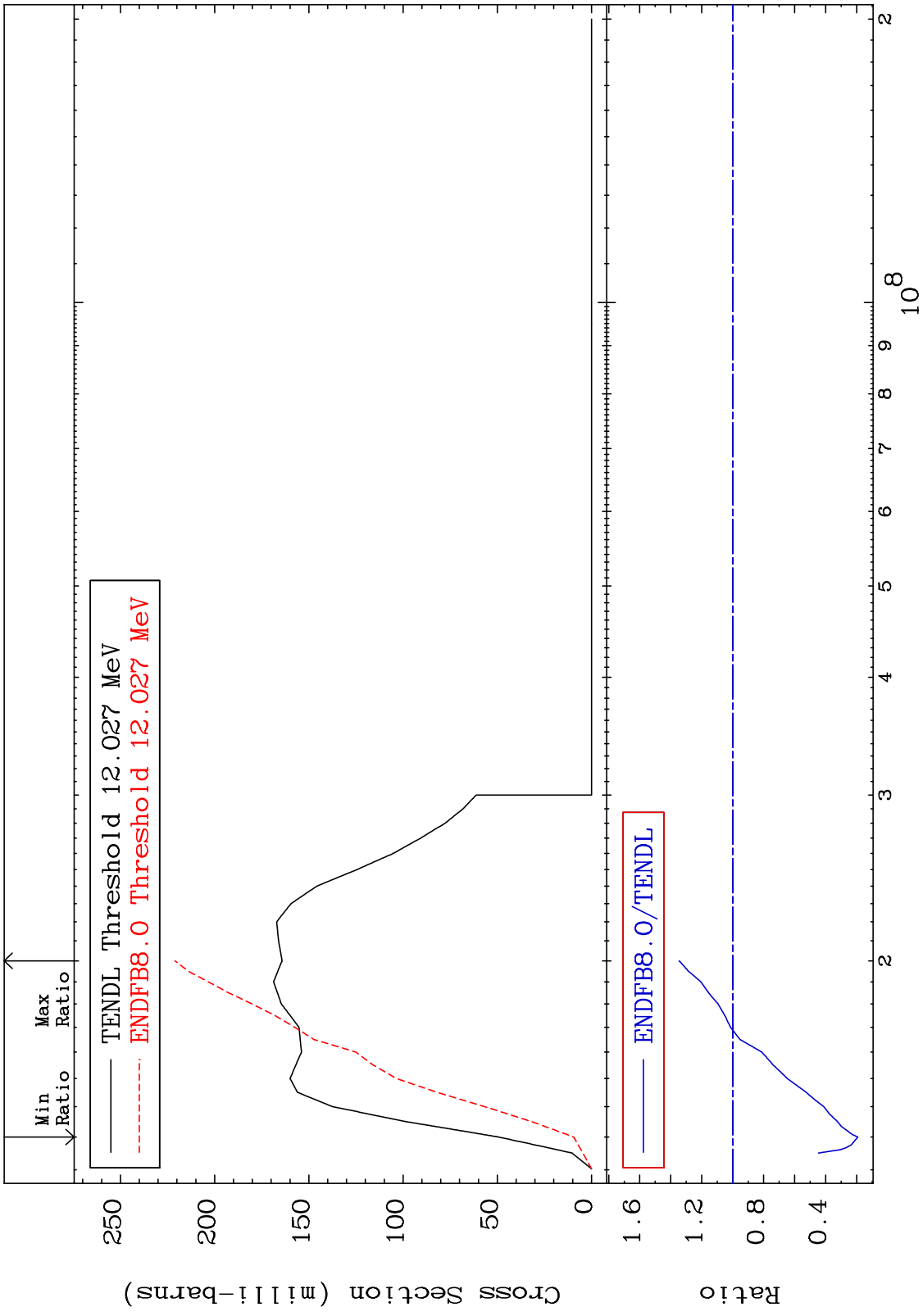
3 Incident Energy (eV) 96-Cm-246

MAT 9643 (n,2n) Cross Section 96-Cm-246 14.63 To 297.0 %



4 96-Cm-246

MAT 9643 (n,3n) Cross Section 96-Cm-246 -80.77 To 34.63 %



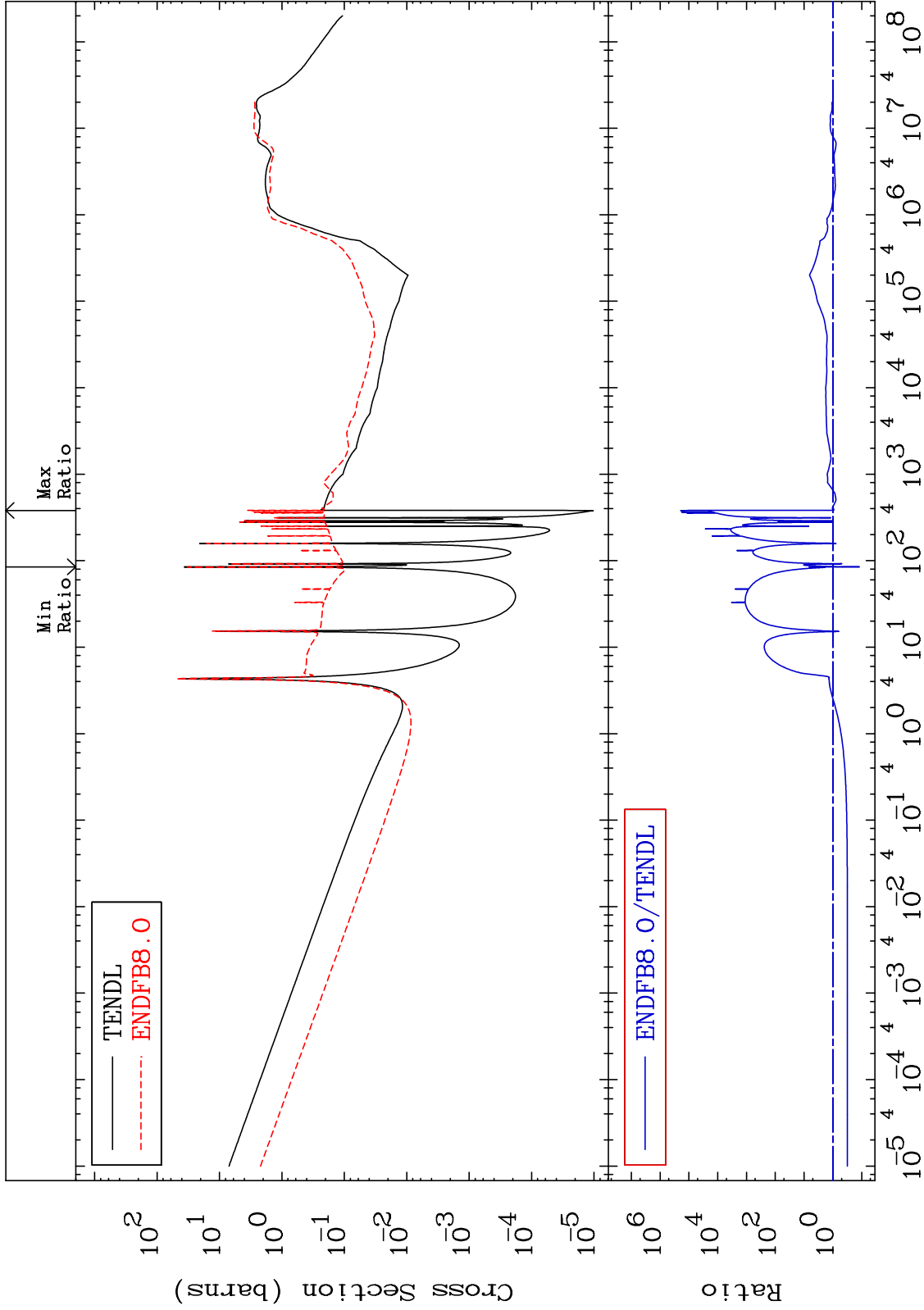
MAT 9643

Fission

96-Cm-246

Cross Section

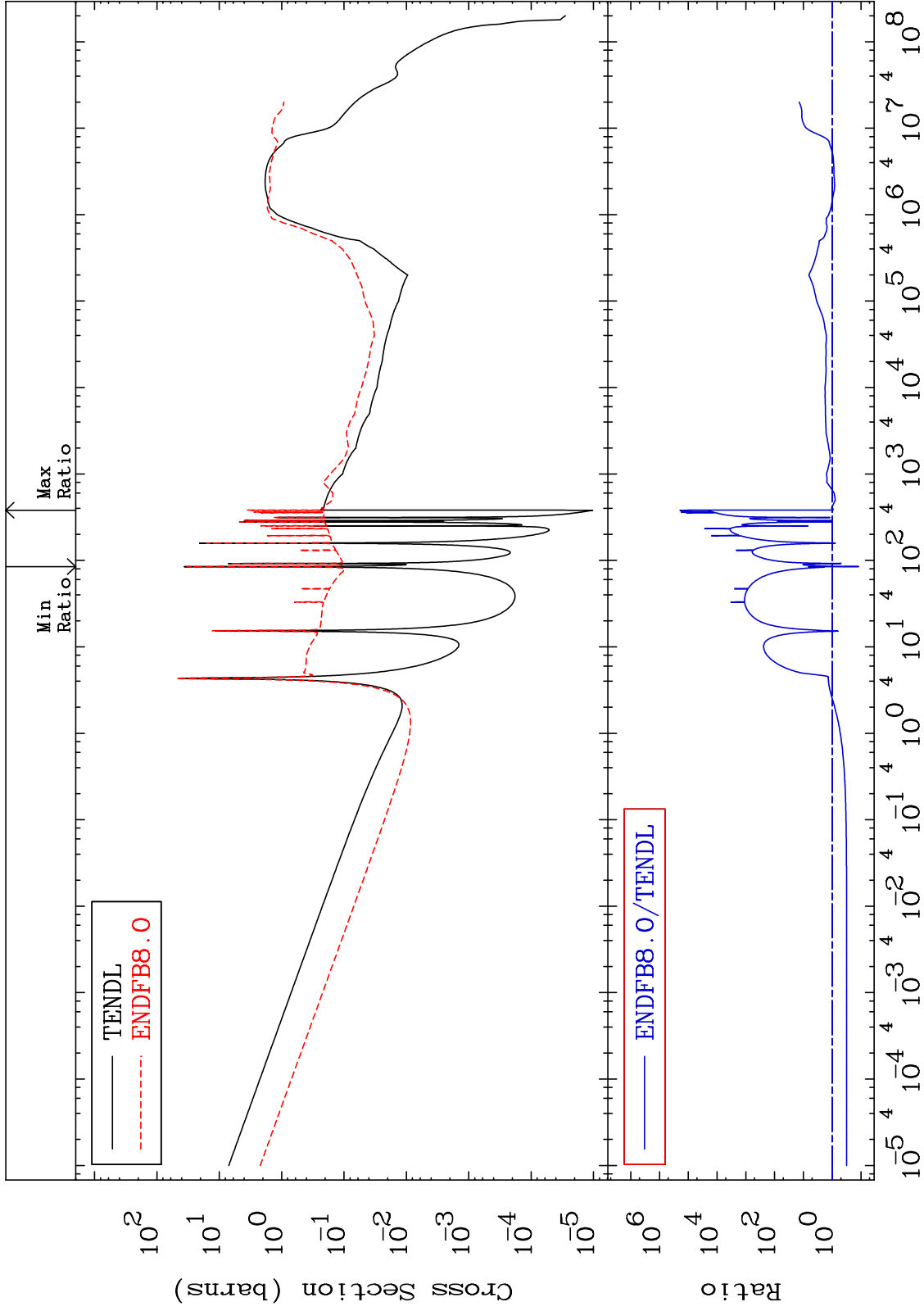
-88.21 To 9999. %



MAT 9643

(n,f) First Chance
Cross Section

96-Cm-246
-88.21 To 9999. %



7

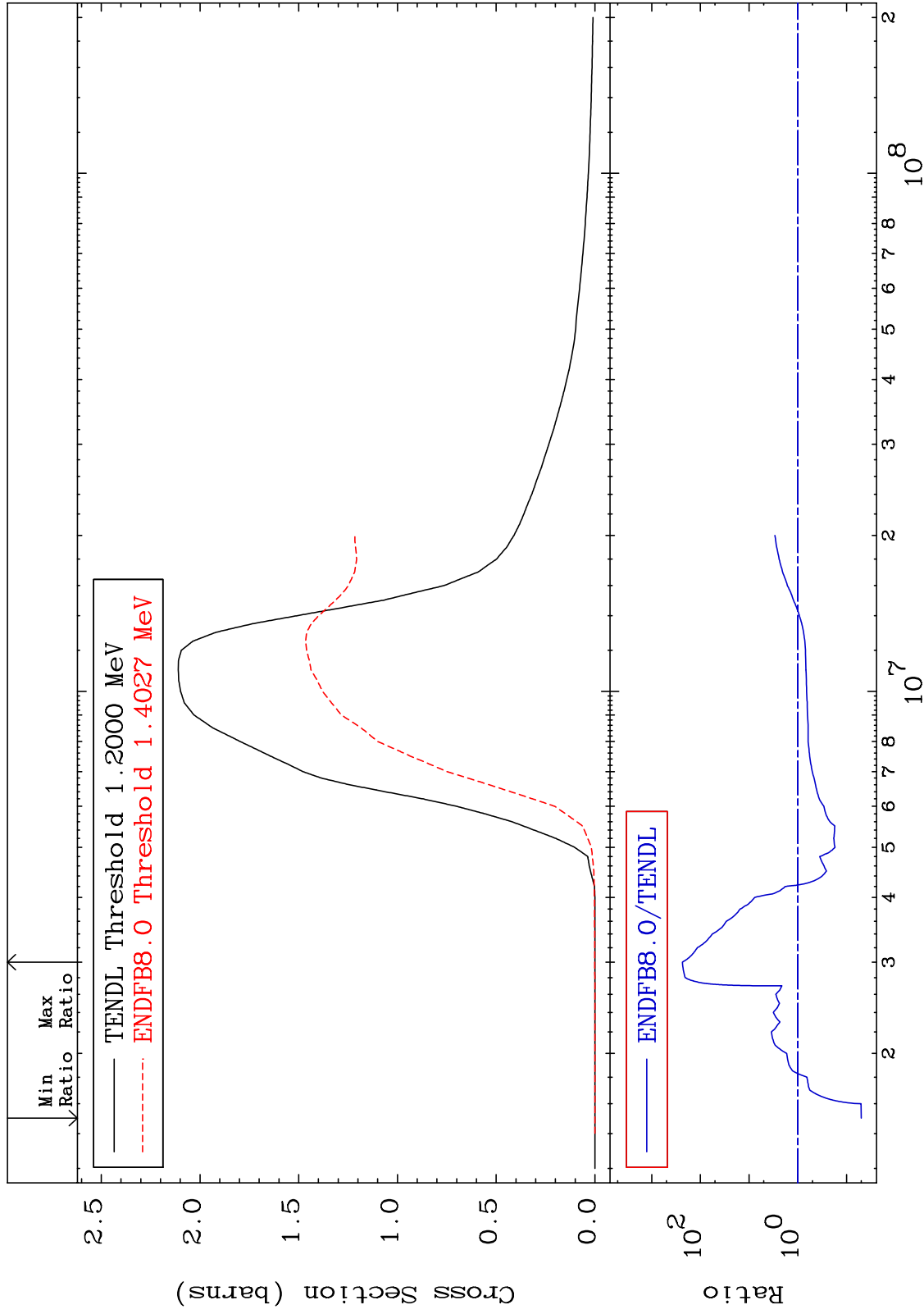
Incident Energy (eV)

96-Cm-246

MAT 9643

(n,nf) Second Chance
Cross Section

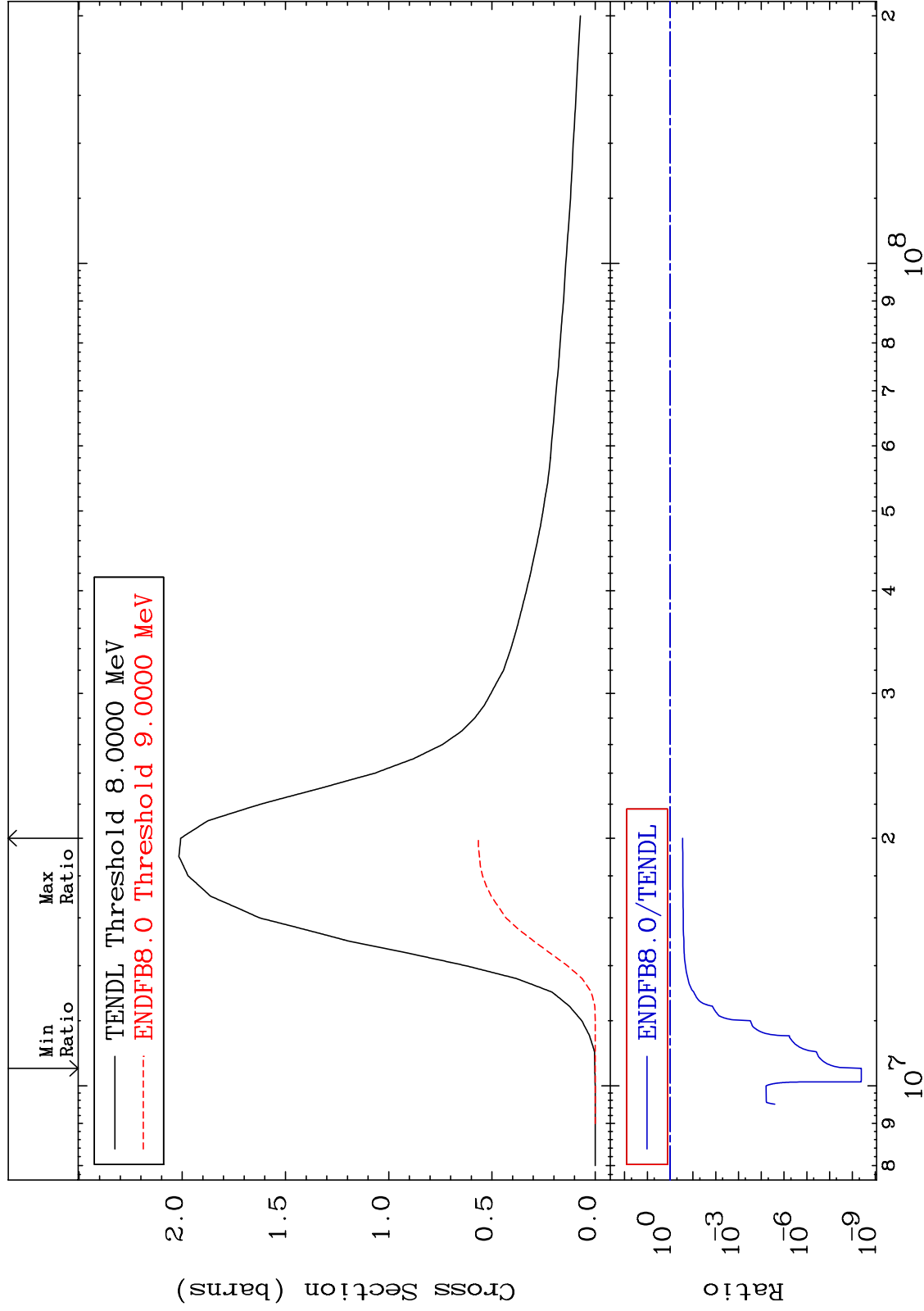
96-Cm-246
-95.03 To 9999. %



MAT 9643

(n,2nf) Third Chance
Cross Section

96-Cm-246
-100.0 To -71.82%



9

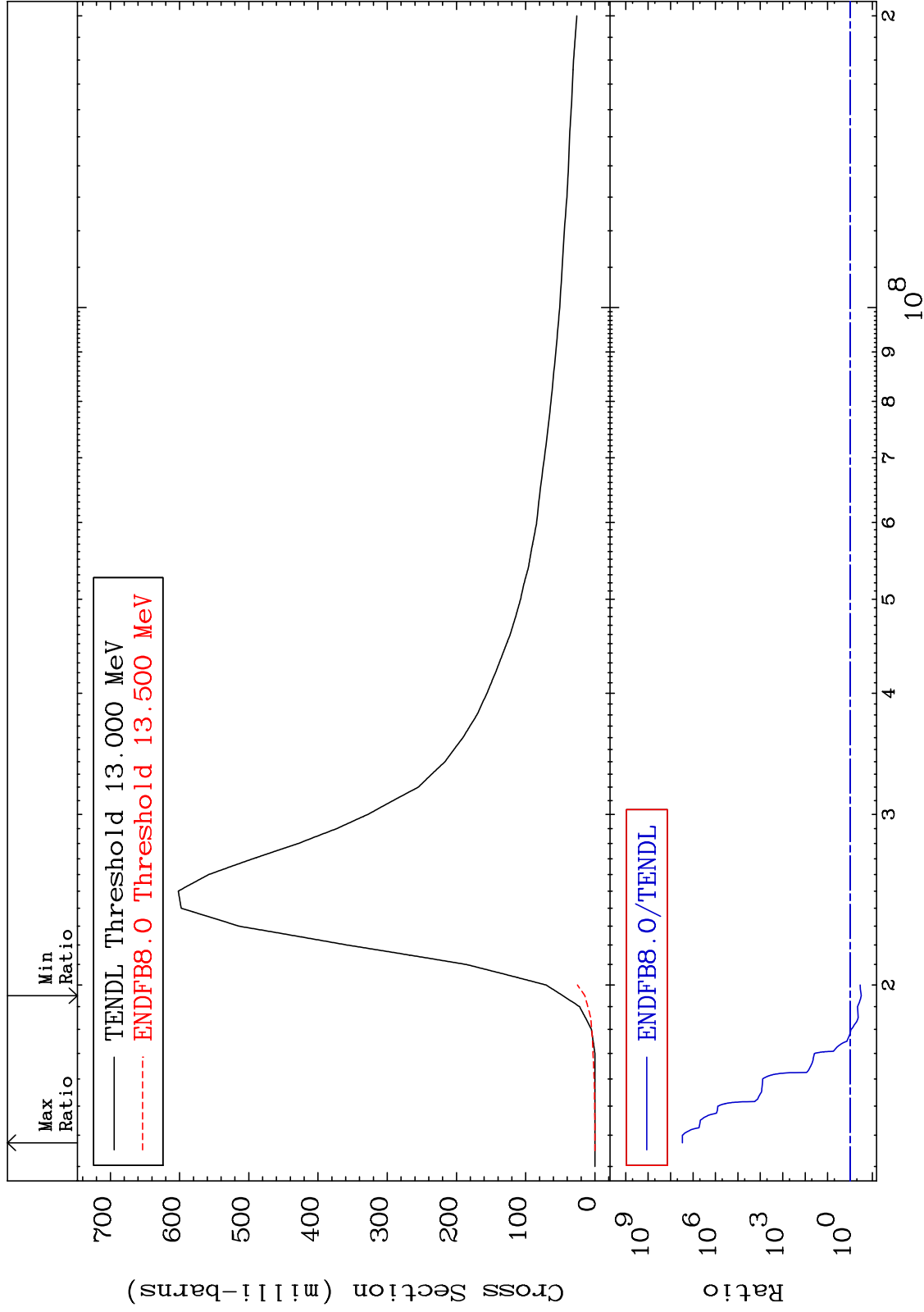
Incident Energy (eV)

96-Cm-246

MAT 9643

(n,3nf) Fourth Chance
Cross Section

96-Cm-246
-68.47 To 9999. %

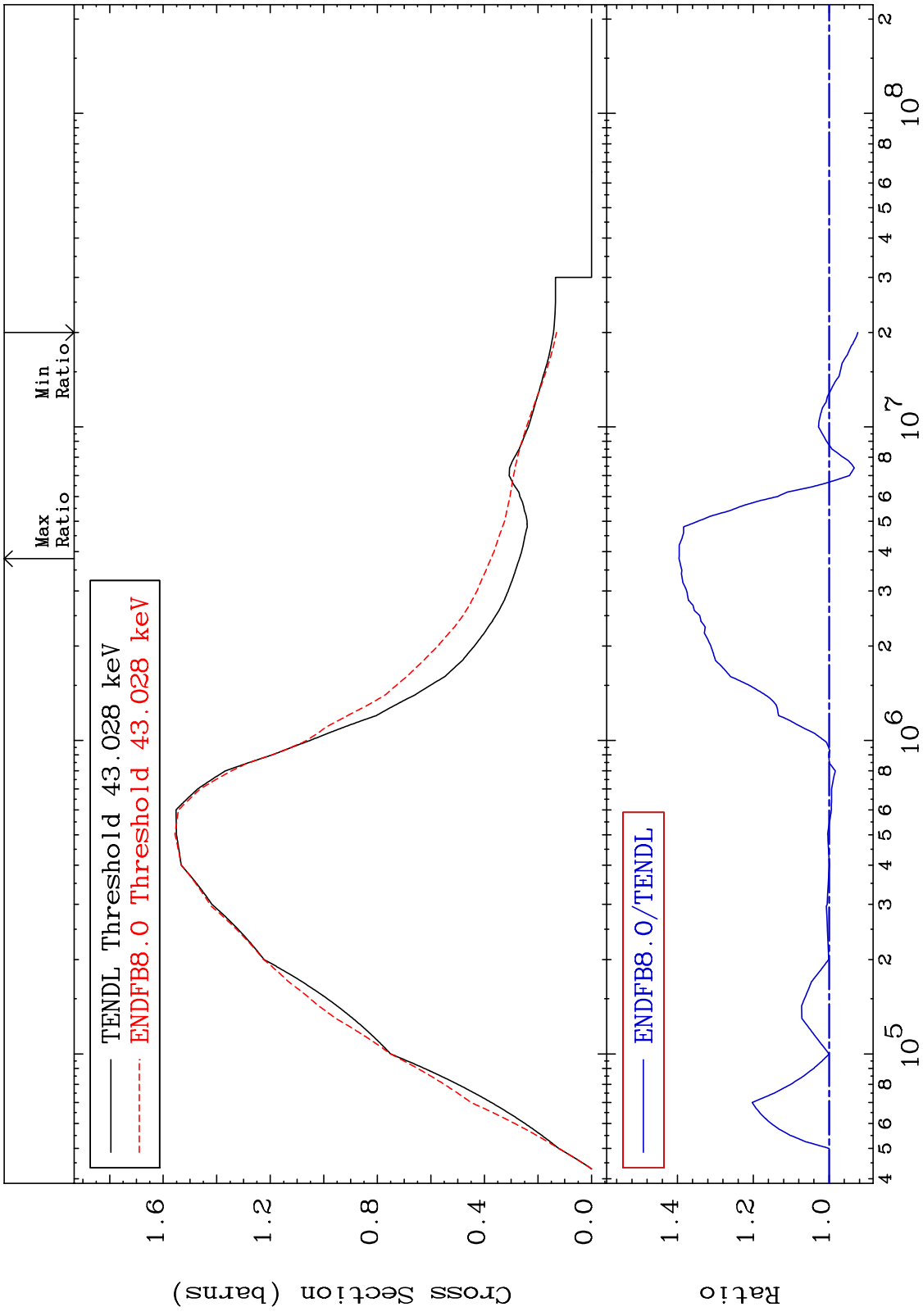


10

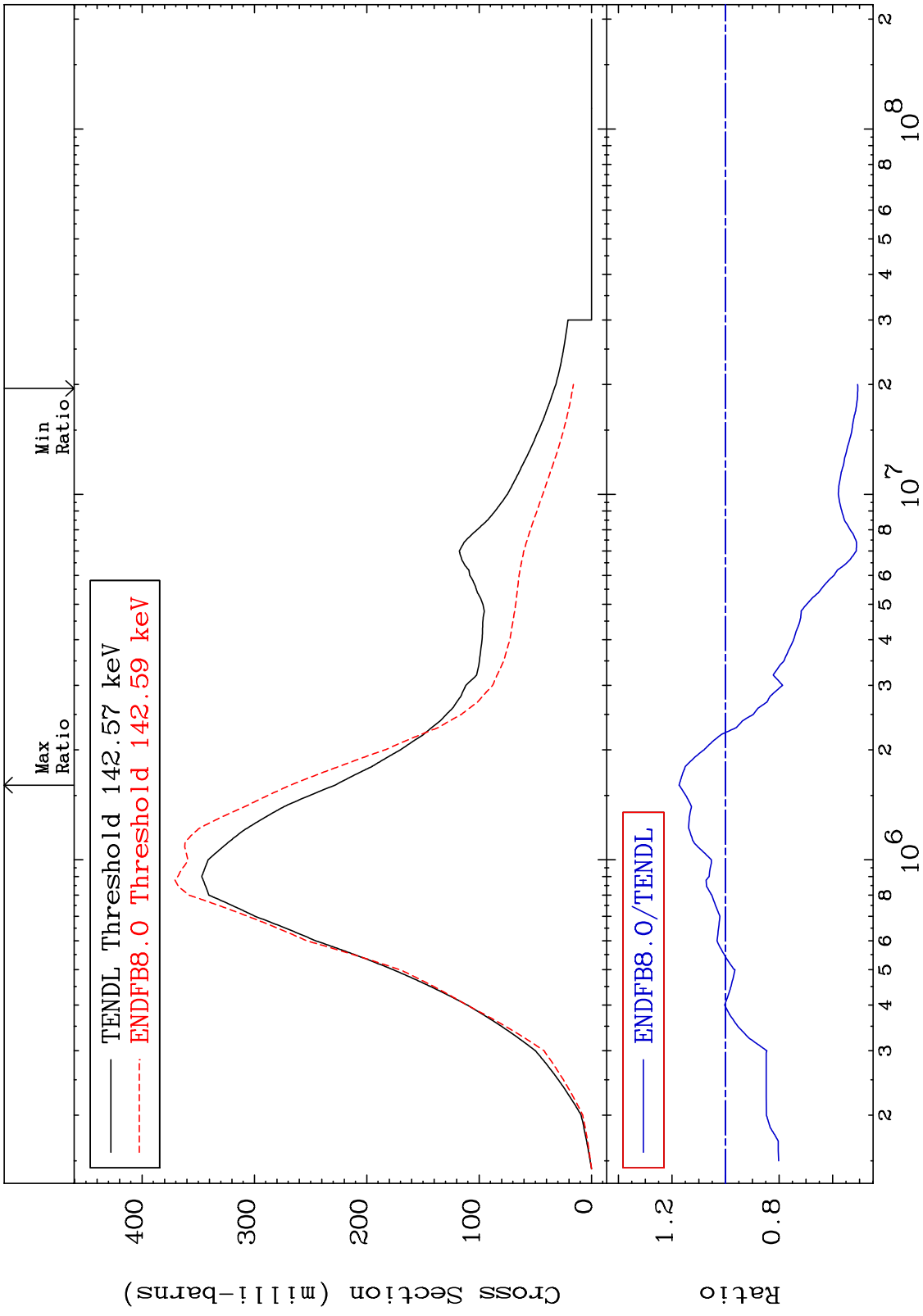
Incident Energy (eV)

96-Cm-246

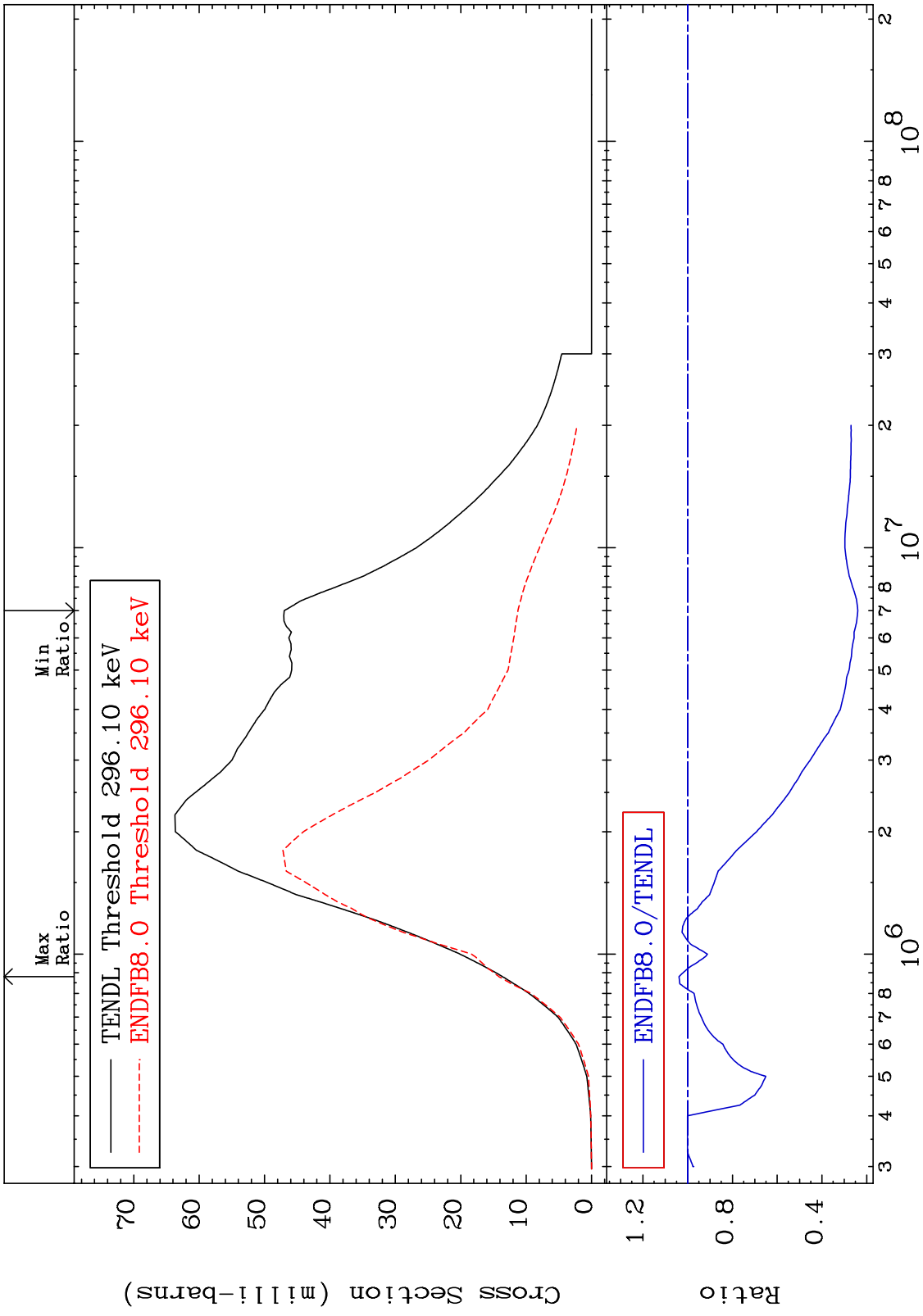
MAT 9643 MT= 51 (n,n') Level Cross Section 96-Cm-246
 -7.577 To 39.58 %



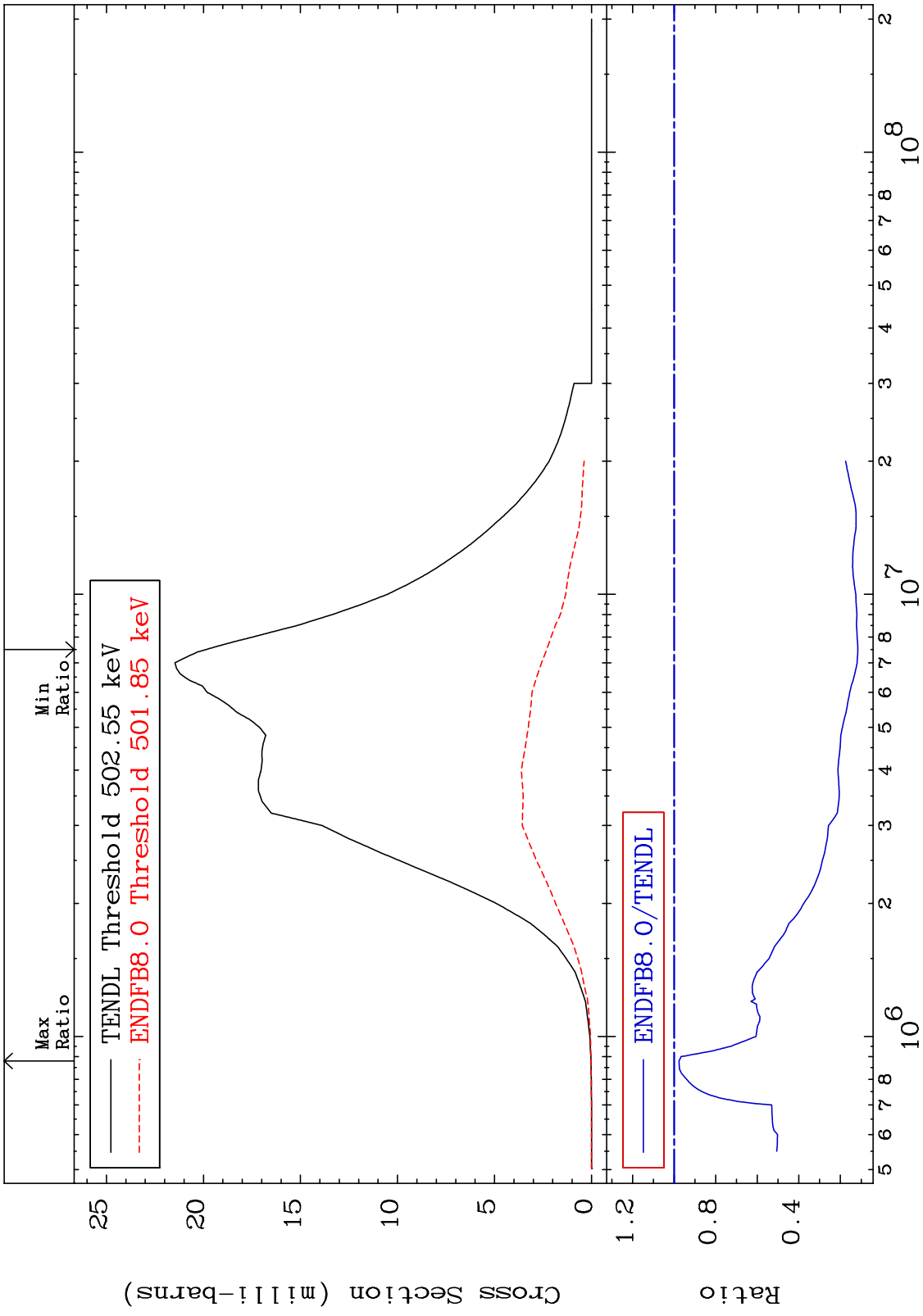
MAT 9643 MT= 52 (n,n') Level Cross Section 96-Cm-246
 -49.39 To 17.38 %



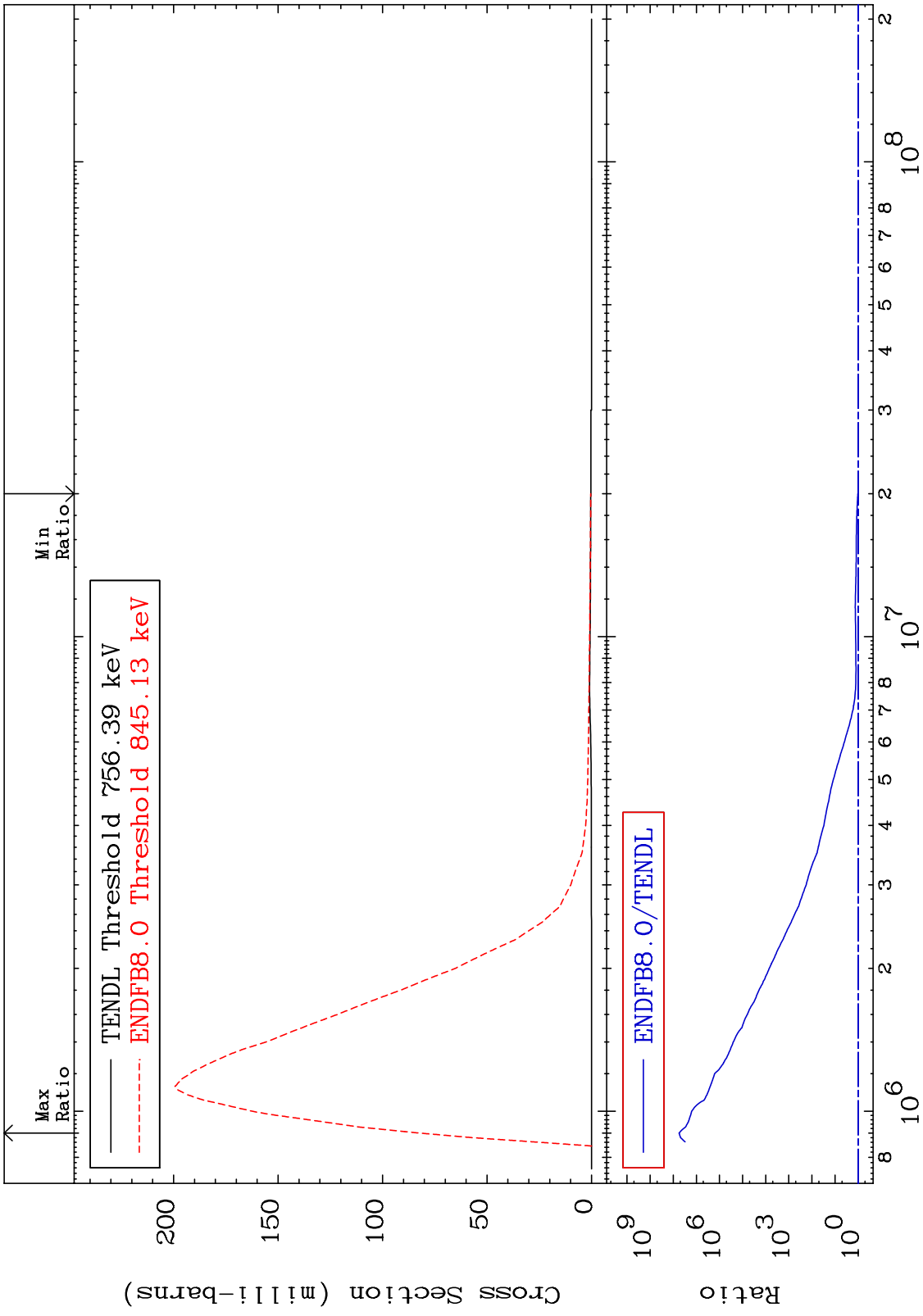
MAT 9643 MT= 53 (n,n') Level Cross Section 96-Cm-246
 -76.05 To 3.857 %



MAT 9643 MT= 54 (n,n') Level 96-Cm-246
 Cross Section -88.39 To -2.354%



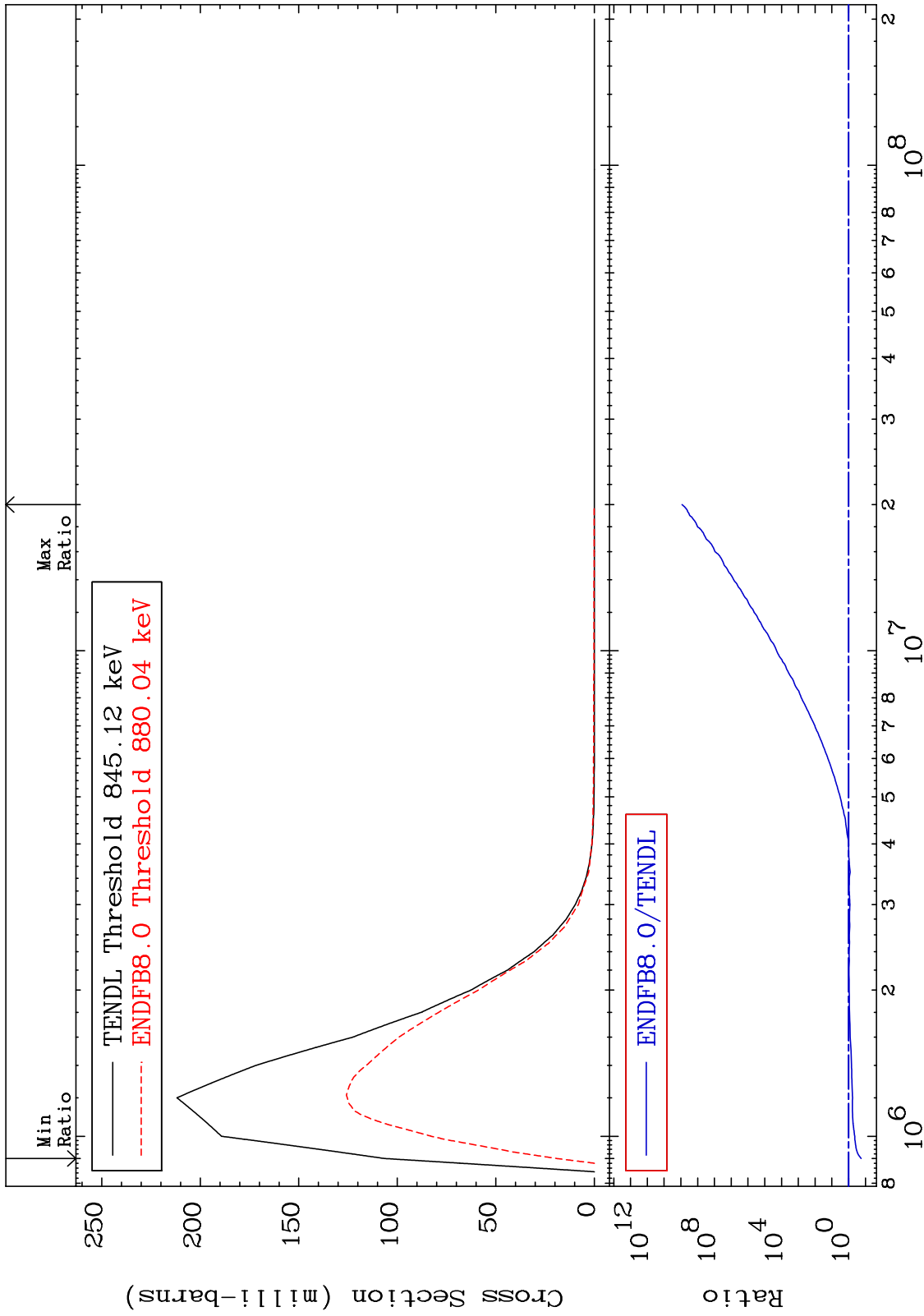
MAT 9643 MT= 55 (n,n') Level 96-Cm-246
 Cross Section 3.173 To 9999. %



MAT 9643

MT= 56 (n,n') Level
Cross Section

96-Cm-246
-82.05 To 9999. %

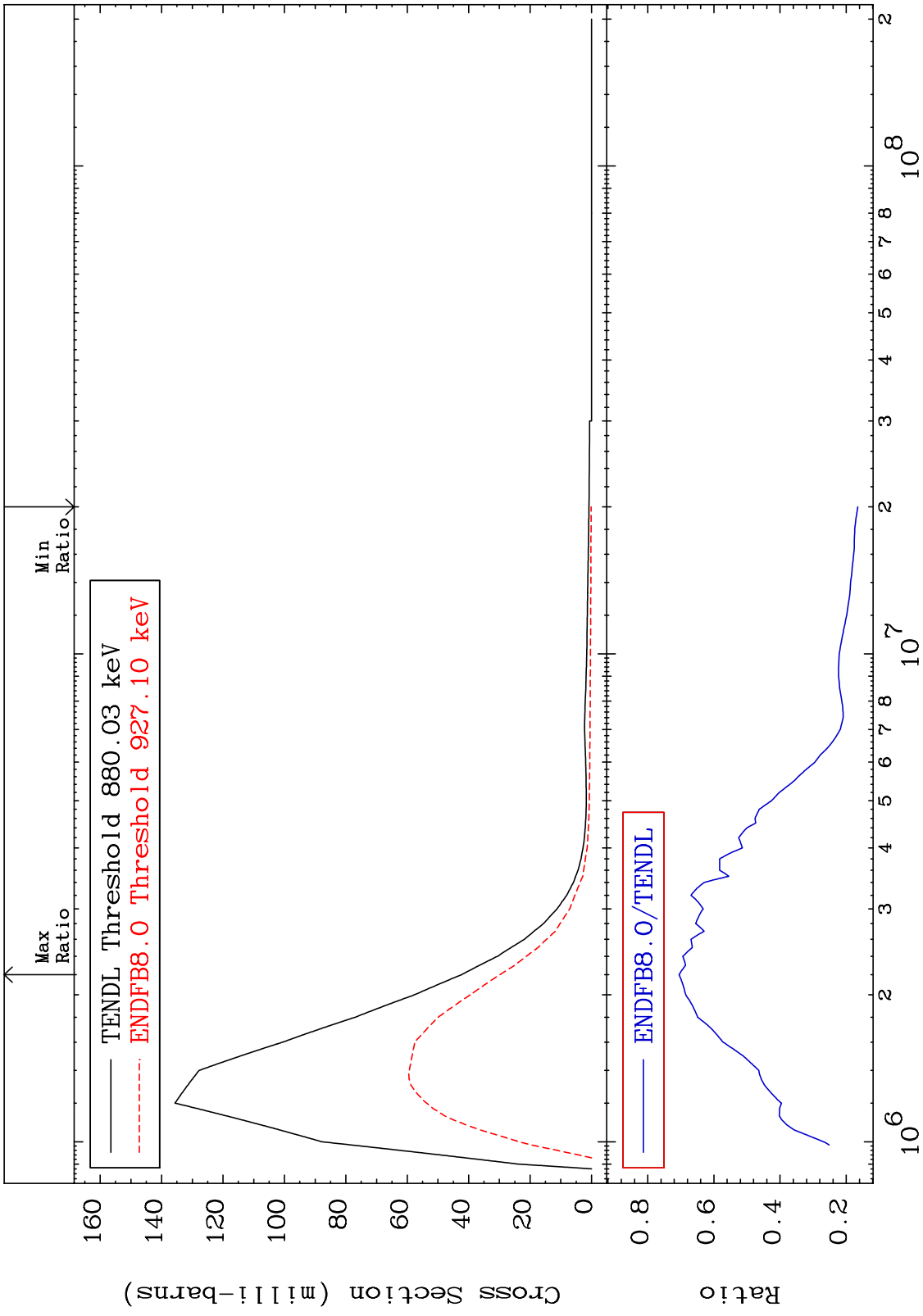


16

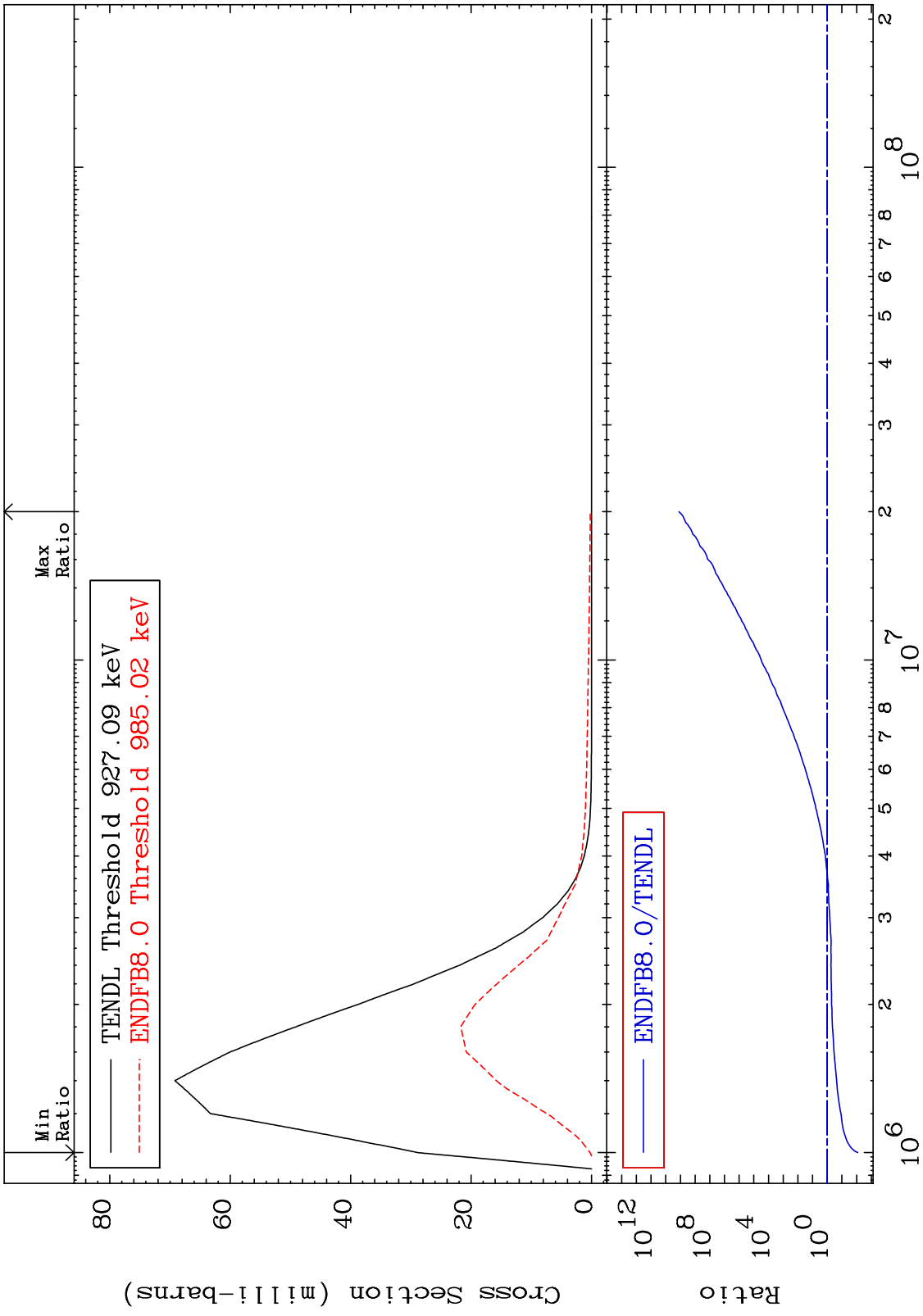
Incident Energy (eV)

96-Cm-246

MAT 9643 MT= 57 (n,n') Level Cross Section 96-Cm-246
 -83.51 To -29.47%



MAT 9643 MT= 58 (n,n') Level 96-Cm-246
 Cross Section -99.18 To 9999. %

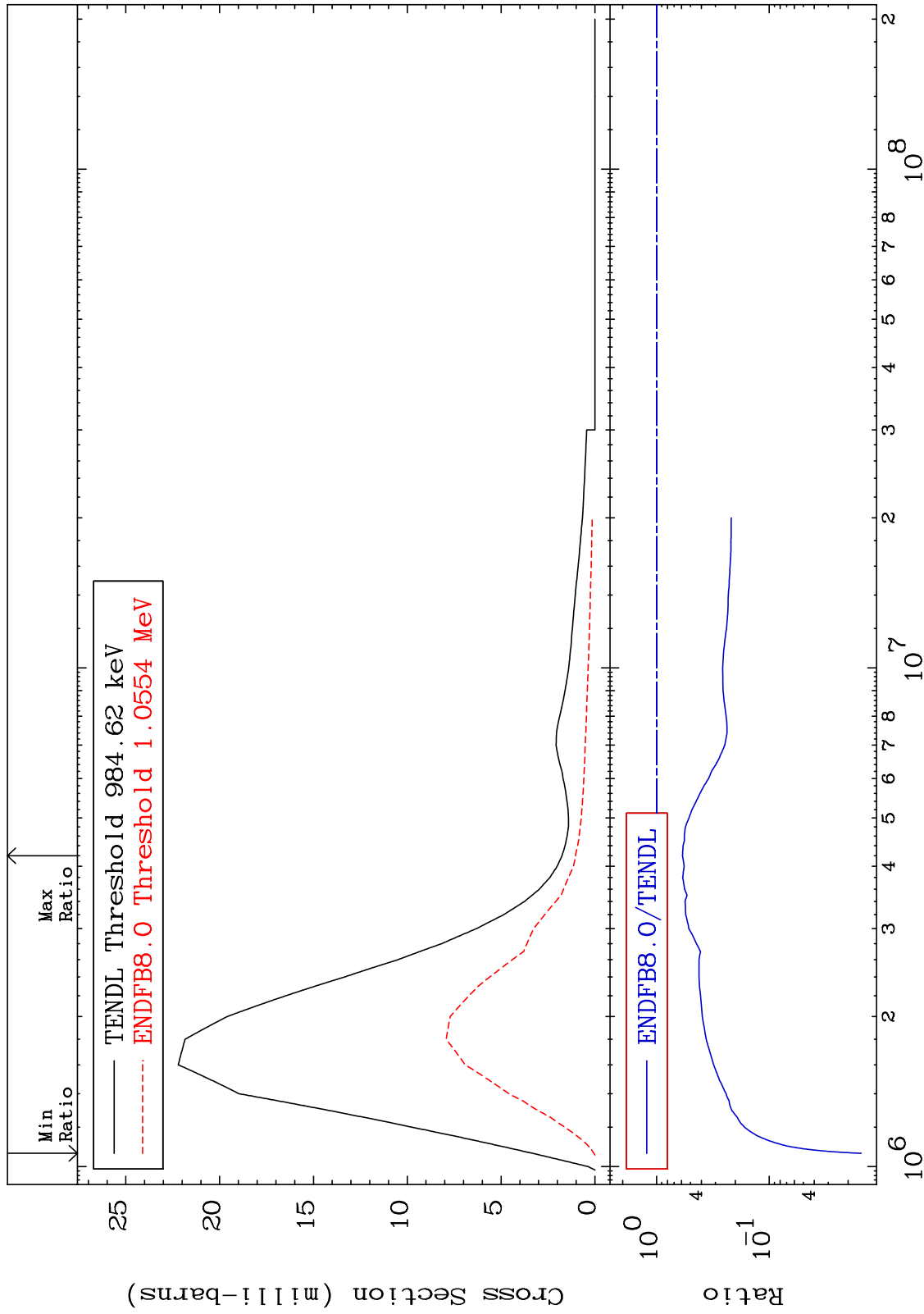


18 Incident Energy (eV) 96-Cm-246

MAT 9643

MT= 59 (n,n') Level
Cross Section

96-Cm-246
-98.47 To -41.11%



19

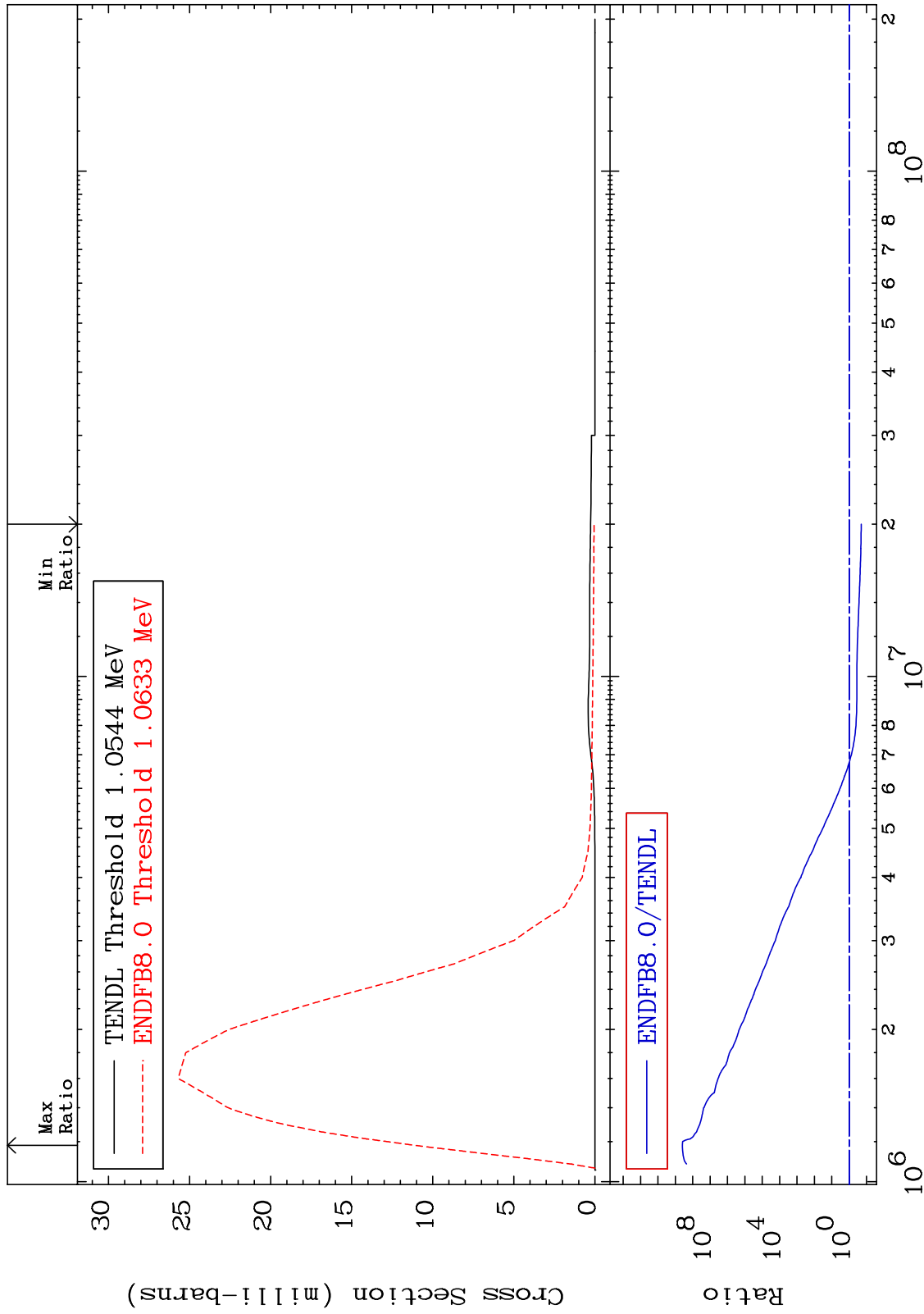
Incident Energy (eV)

96-Cm-246

MAT 9643

MT= 60 (n,n') Level
Cross Section

96-Cm-246
-79.97 To 9999. %



20

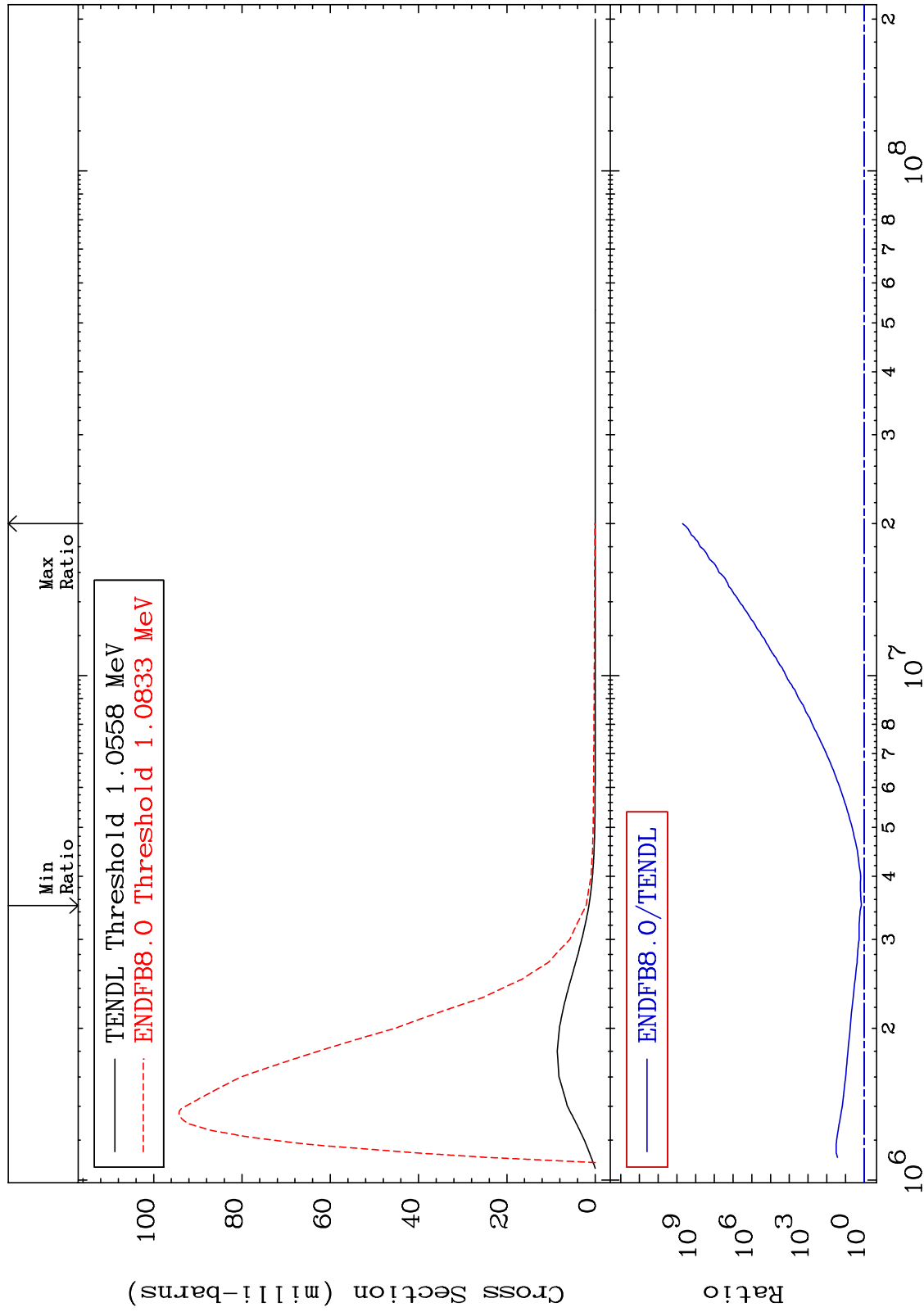
Incident Energy (eV)

96-Cm-246

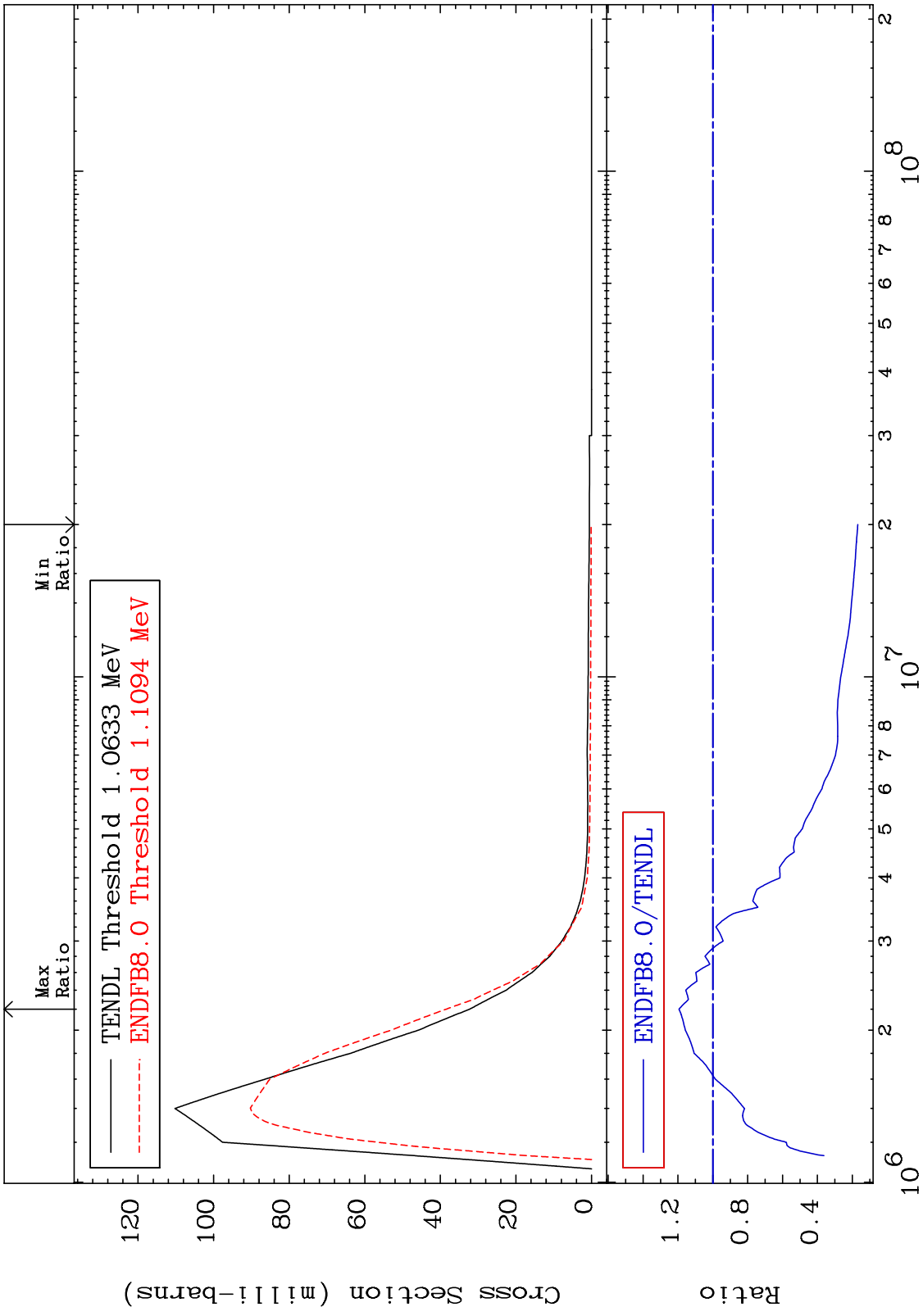
MAT 9643

MT= 61 (n,n') Level
Cross Section

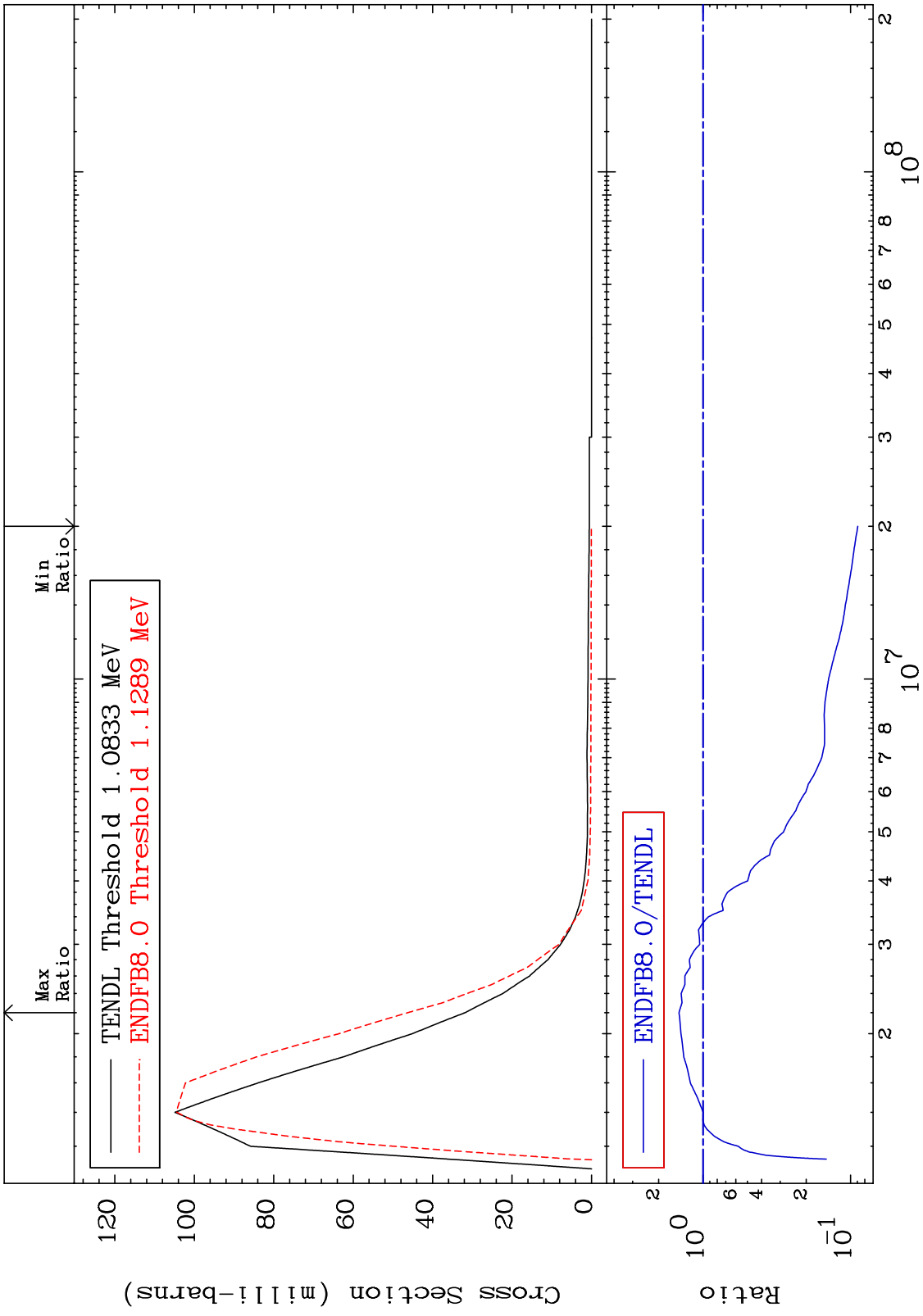
96-Cm-246
42.32 To 9999. %



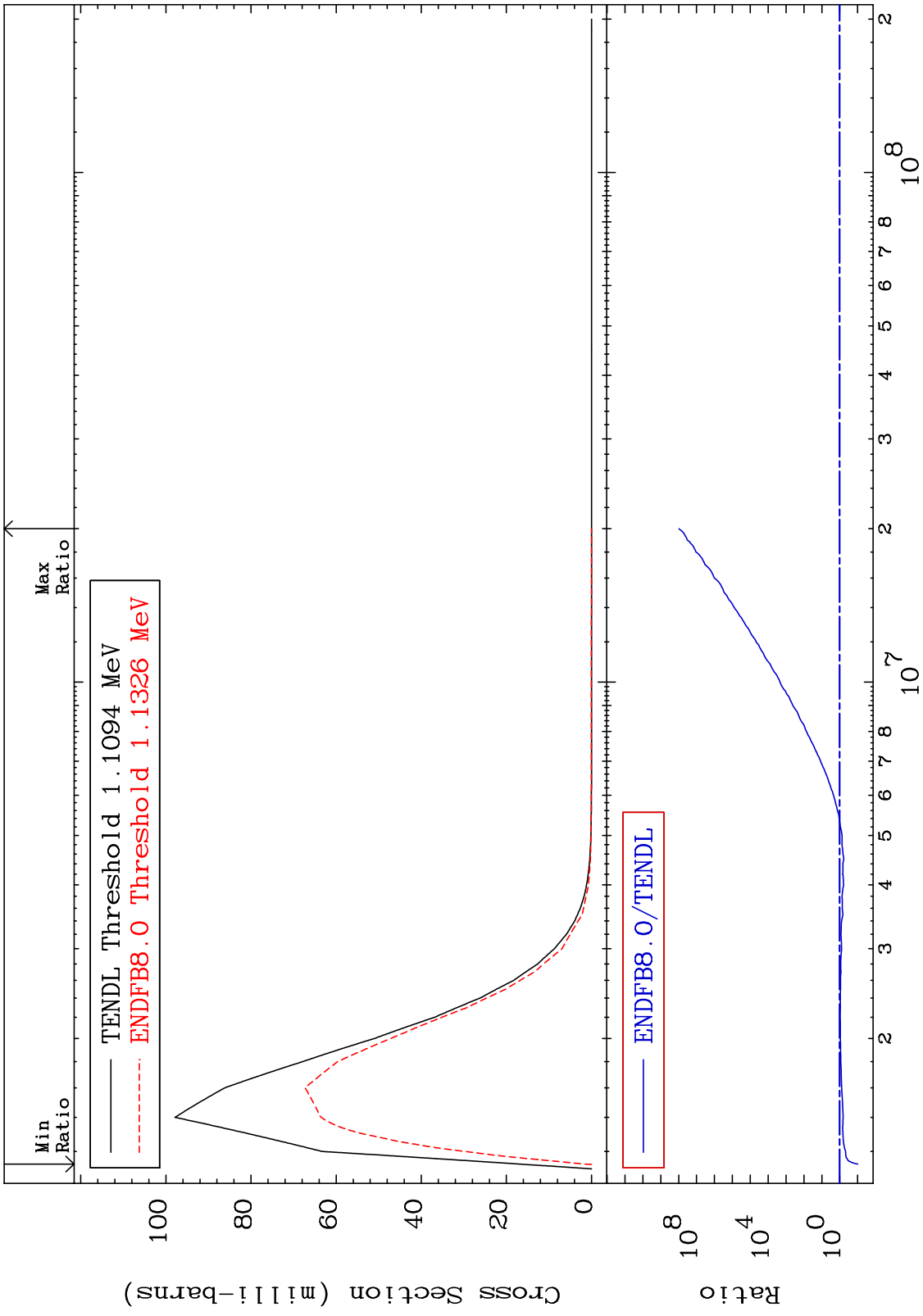
MAT 9643 MT= 62 (n,n') Level Cross Section 96-Cm-246
 -83.16 To 19.37 %



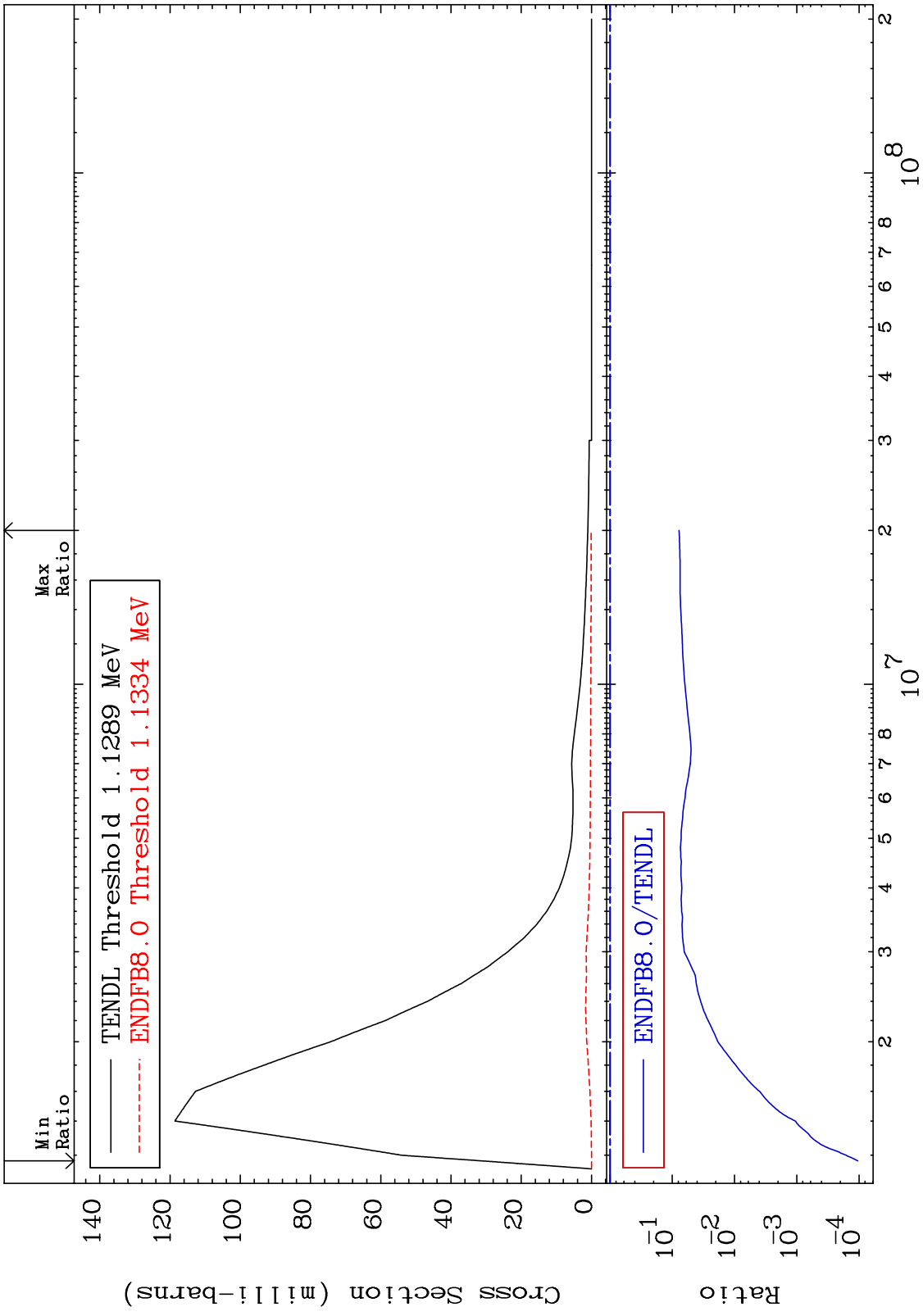
MAT 9643 MT= 63 (n,n') Level Cross Section 96-Cm-246
 -91.08 To 45.30 %



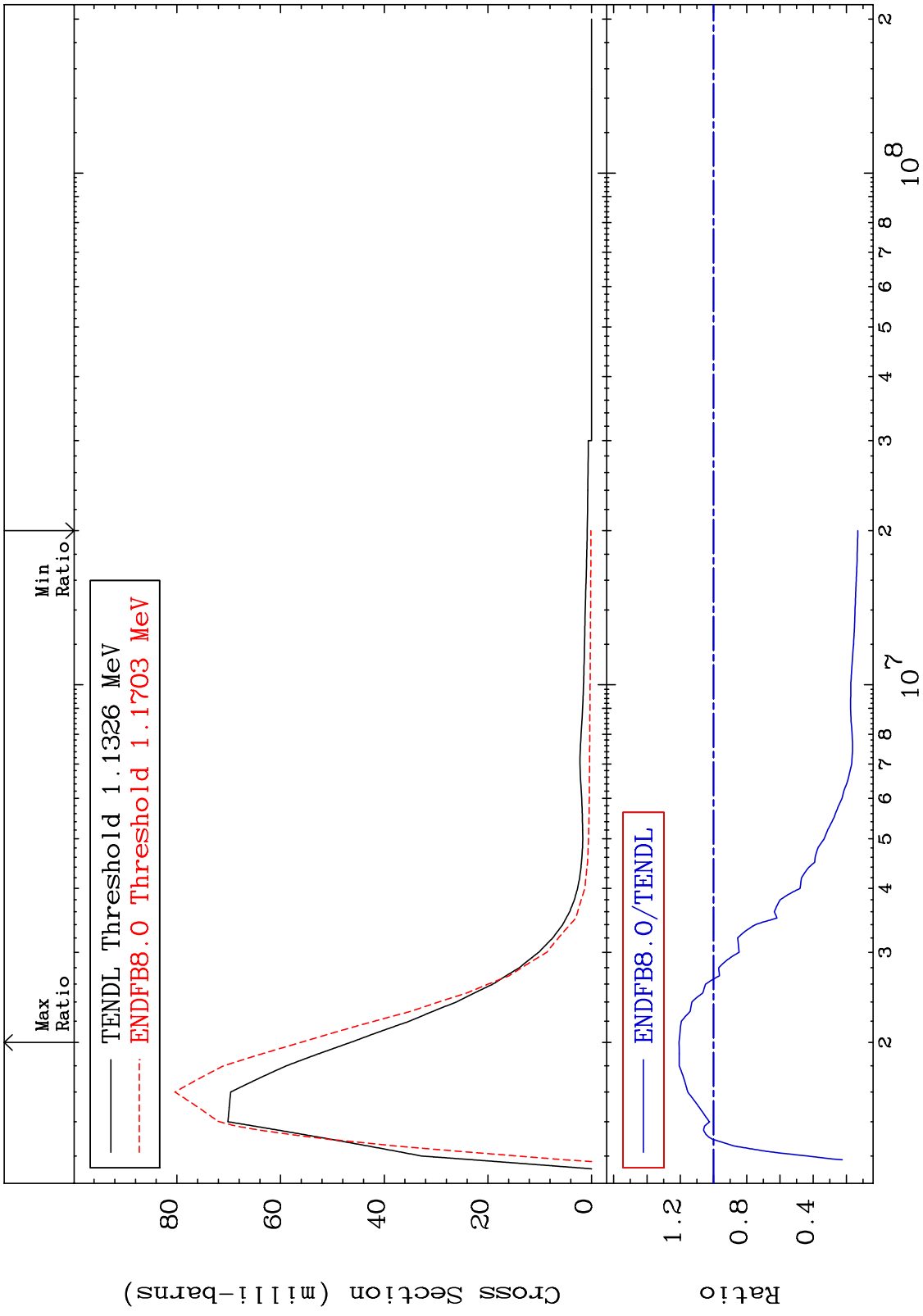
MAT 9643 MT= 64 (n,n') Level Cross Section 96-Cm-246 -90.24 To 9999. %



MAT 9643 MT= 65 (n,n') Level Cross Section 96-Cm-246 -99.99 To -92.21%



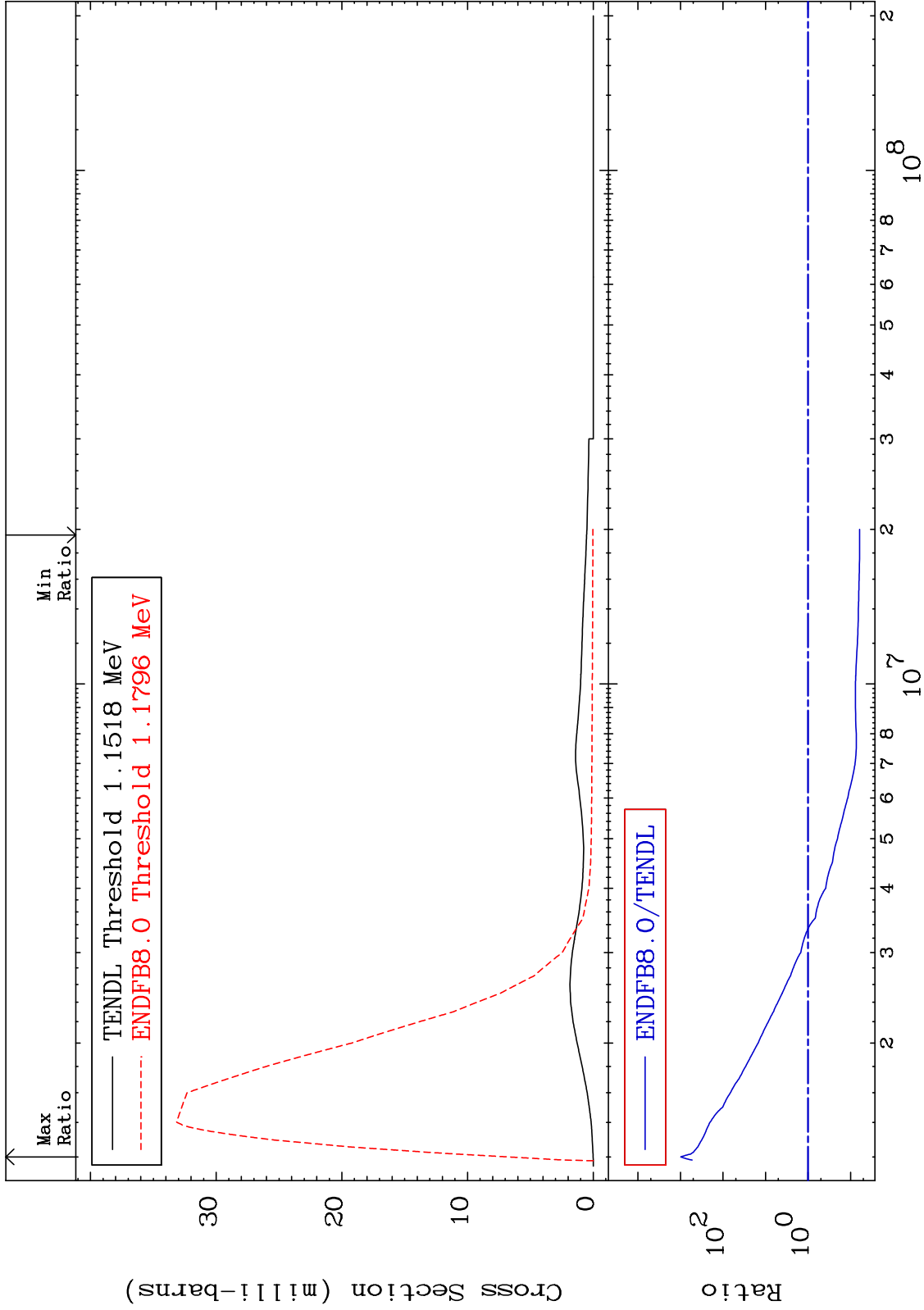
MAT 9643 MT= 66 (n,n') Level Cross Section 96-Cm-246
 -86.81 To 20.70 %



MAT 9643

MT= 67 (n,n') Level
Cross Section

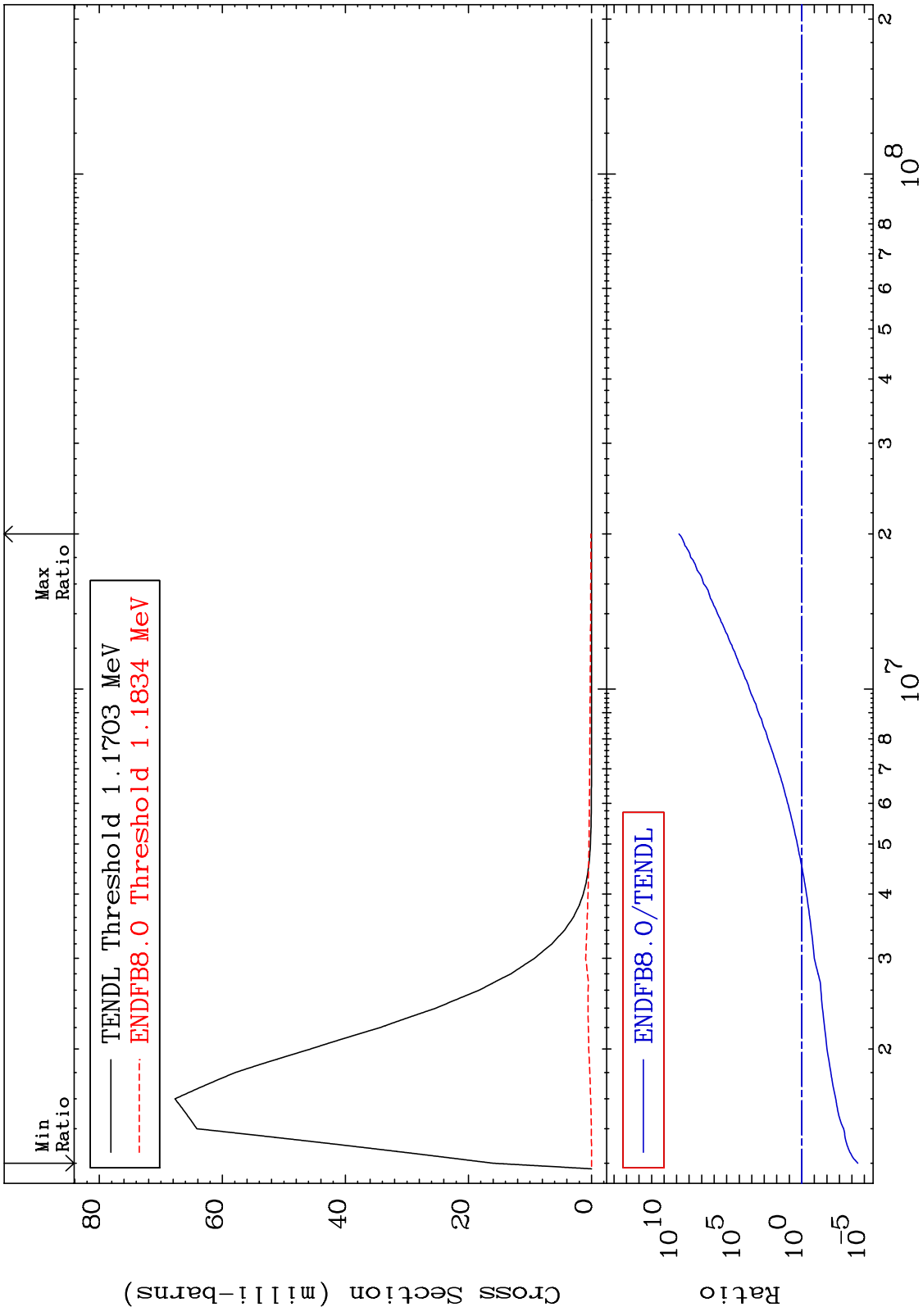
96-Cm-246
-93.88 To 9999. %



27

96-Cm-246

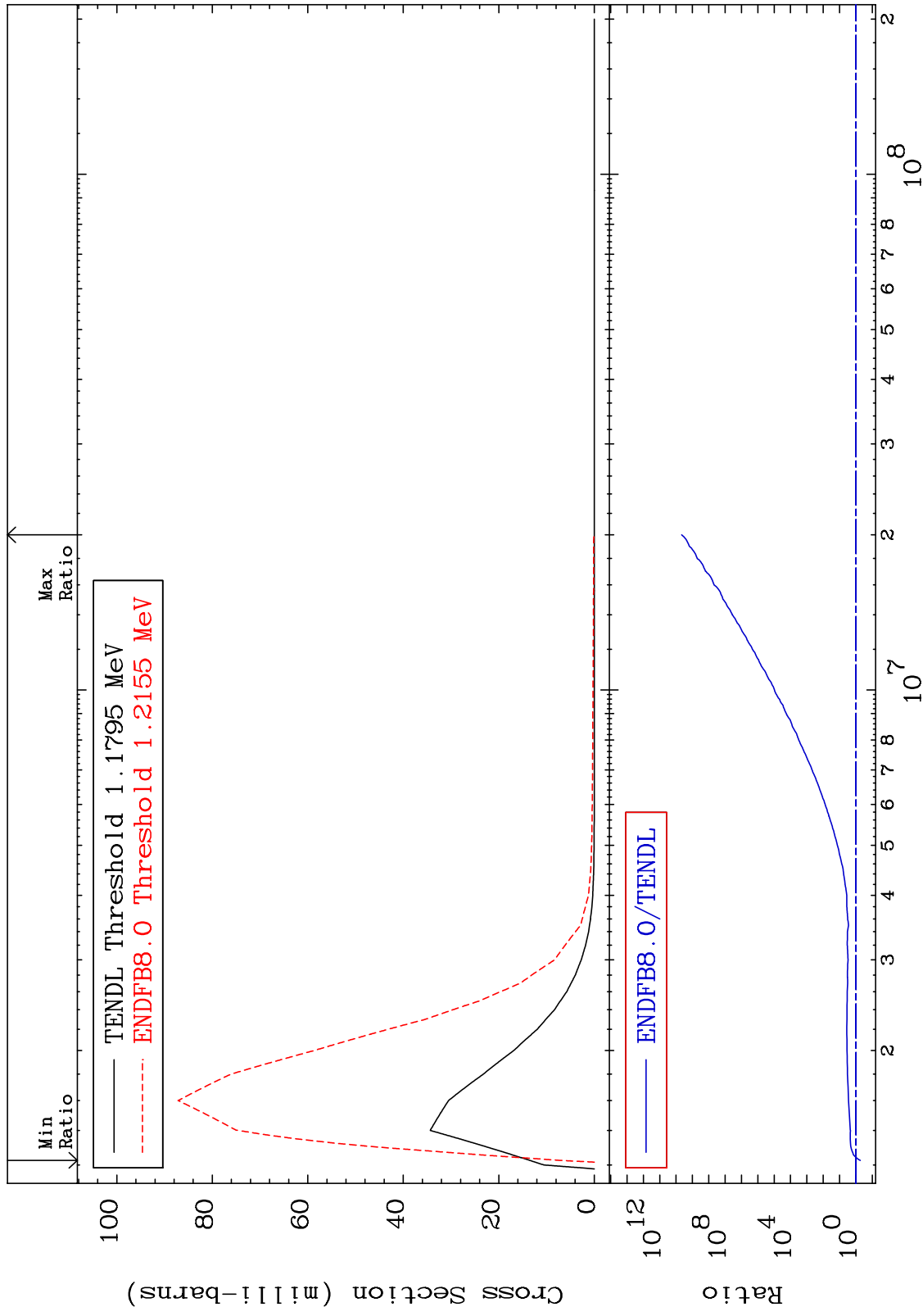
MAT 9643 MT= 68 (n,n') Level Cross Section 96-Cm-246
 -100.0 To 9999. %



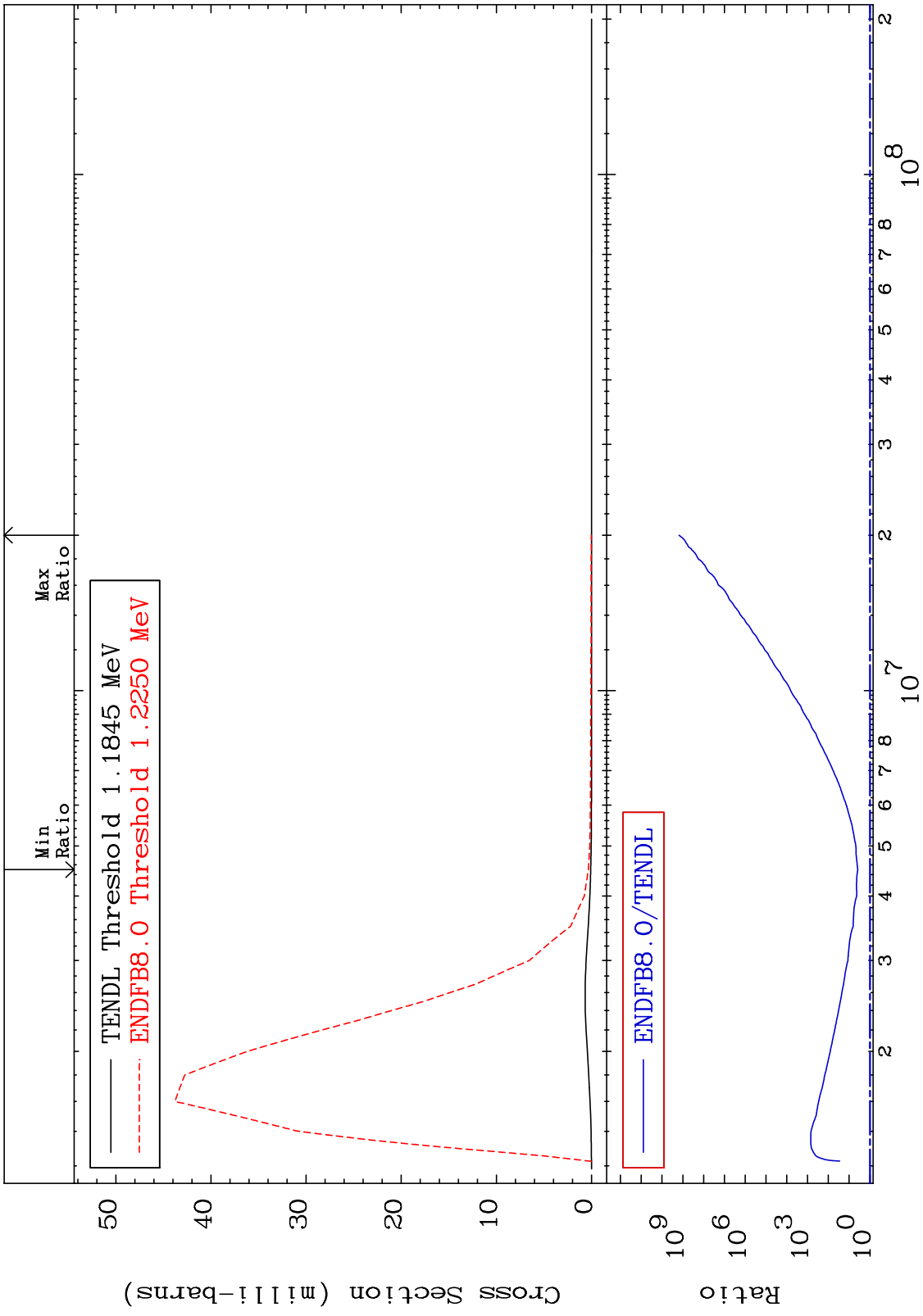
MAT 9643

MT= 69 (n,n') Level
Cross Section

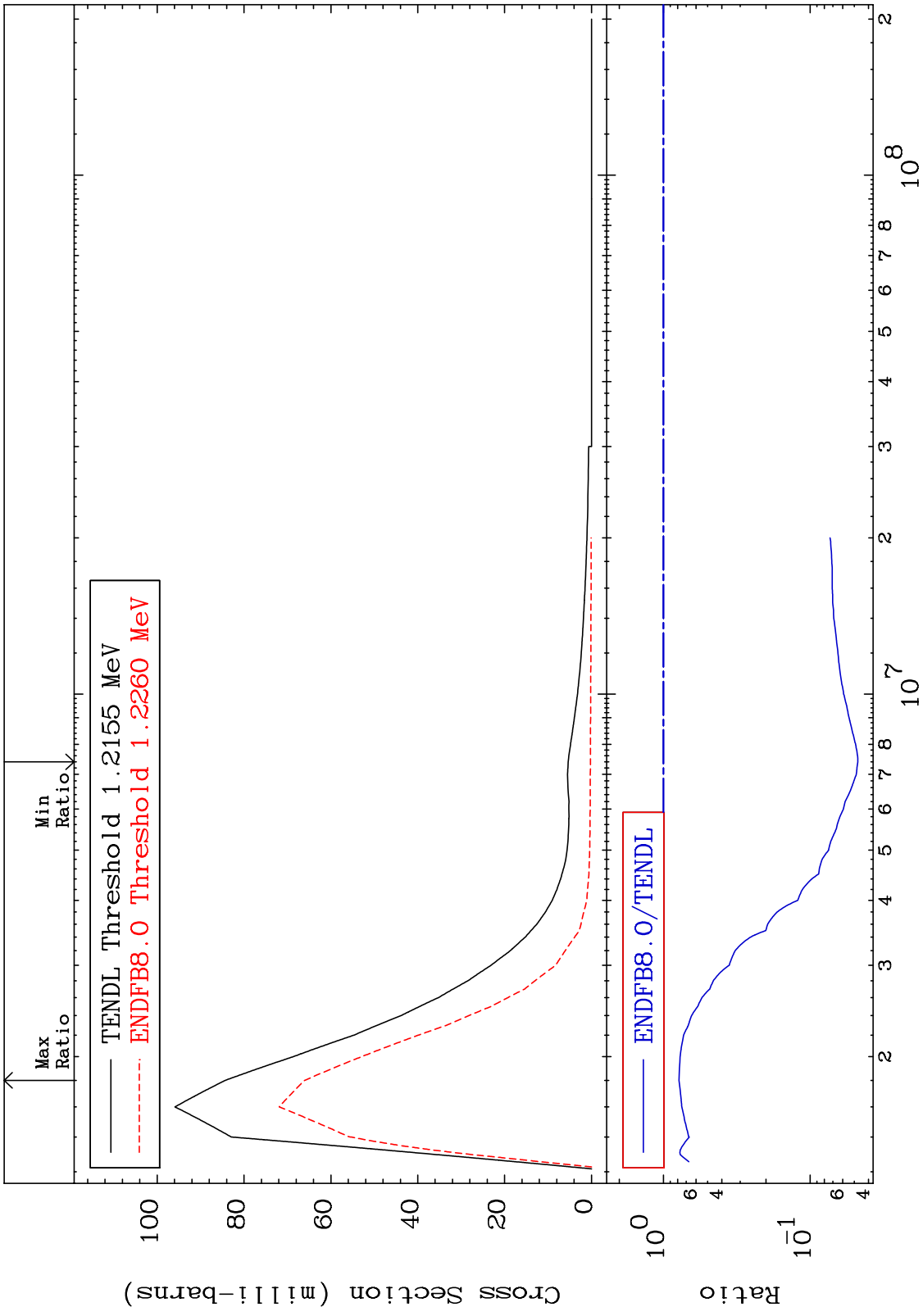
96-Cm-246
-46.65 To 9999. %



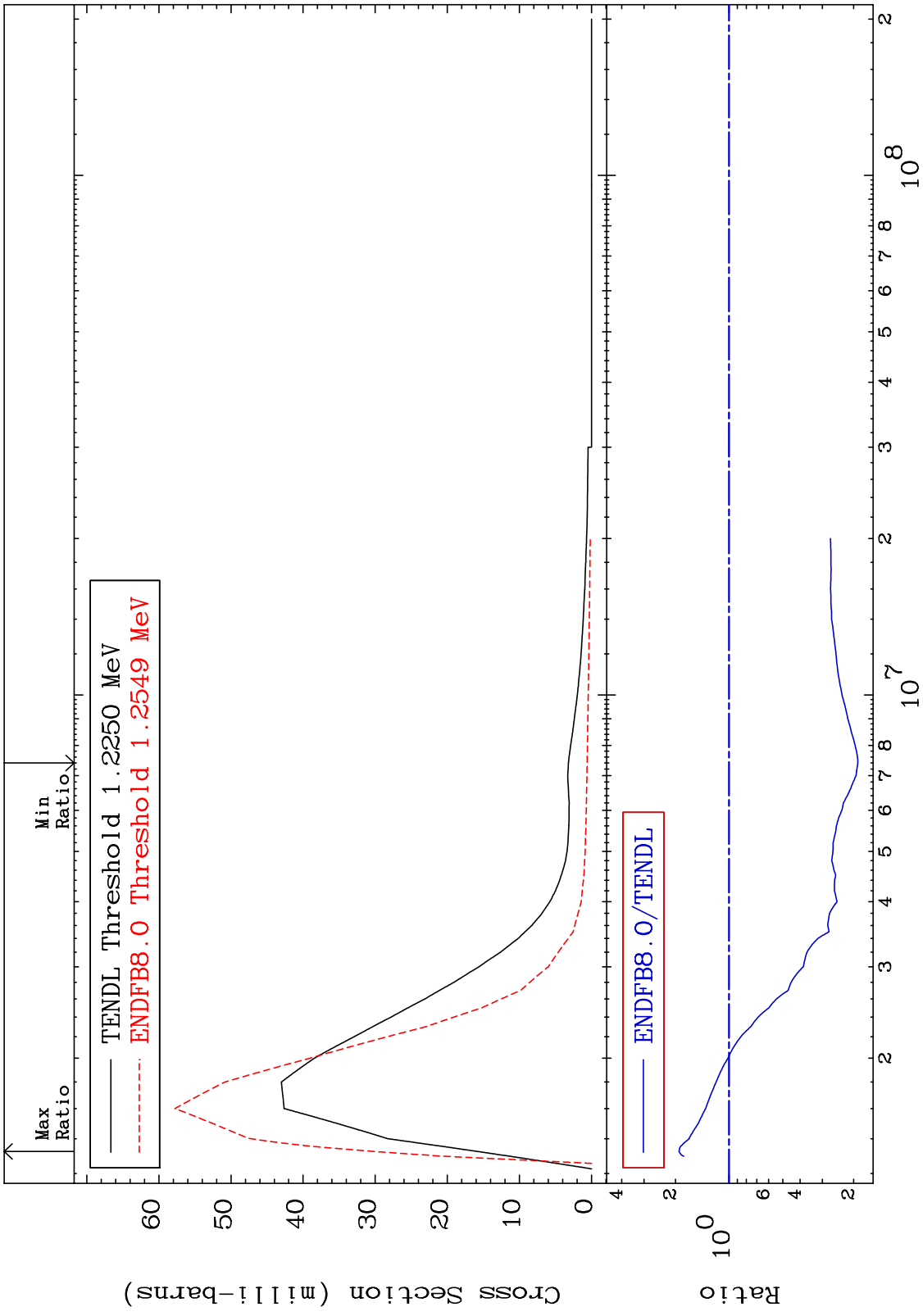
MAT 9643 MT= 70 (n,n') Level Cross Section 96-Cm-246 282.2 To 9999. %



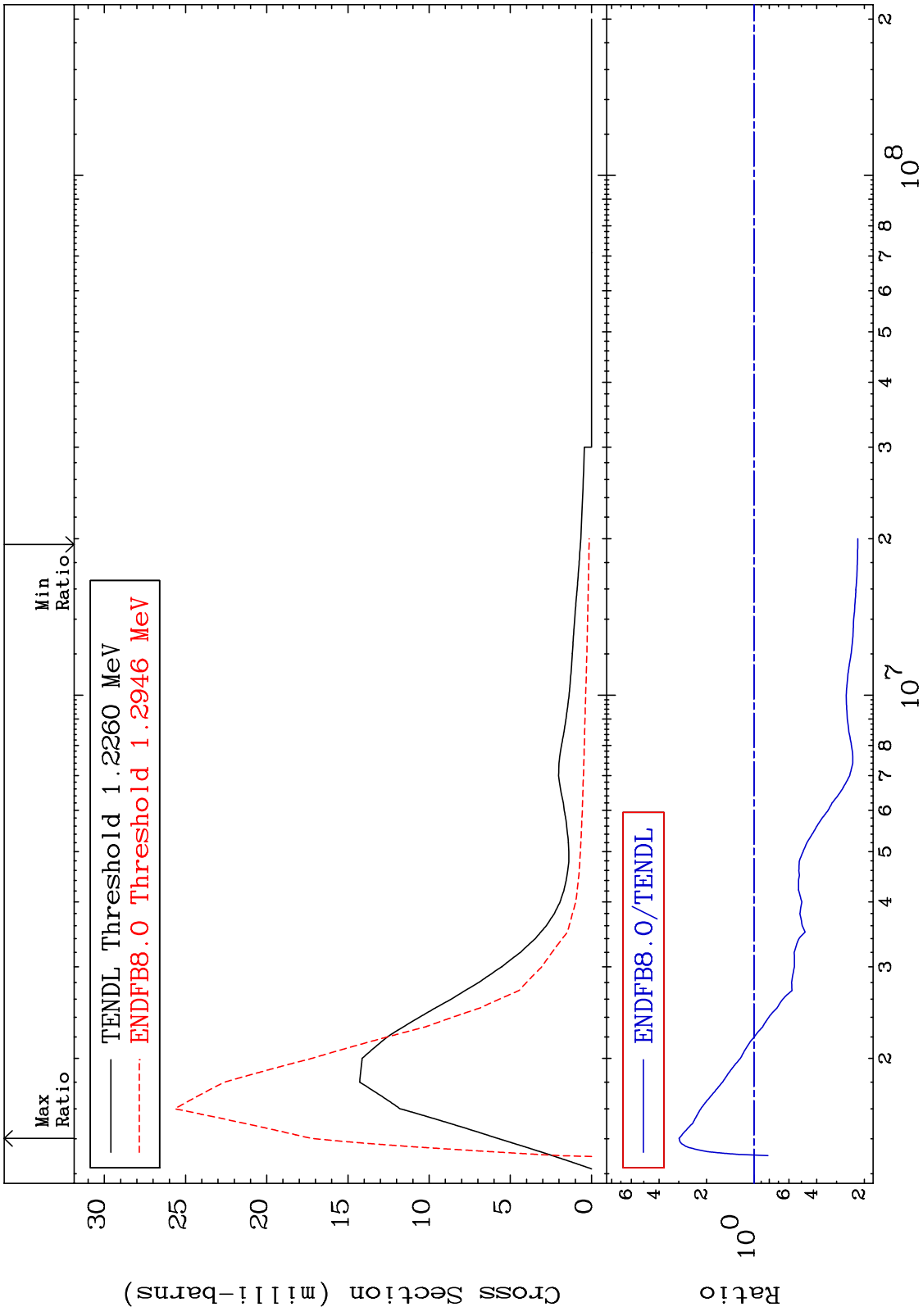
MAT 9643 MT= 71 (n,n') Level Cross Section 96-Cm-246
 -95.27 To -21.67%



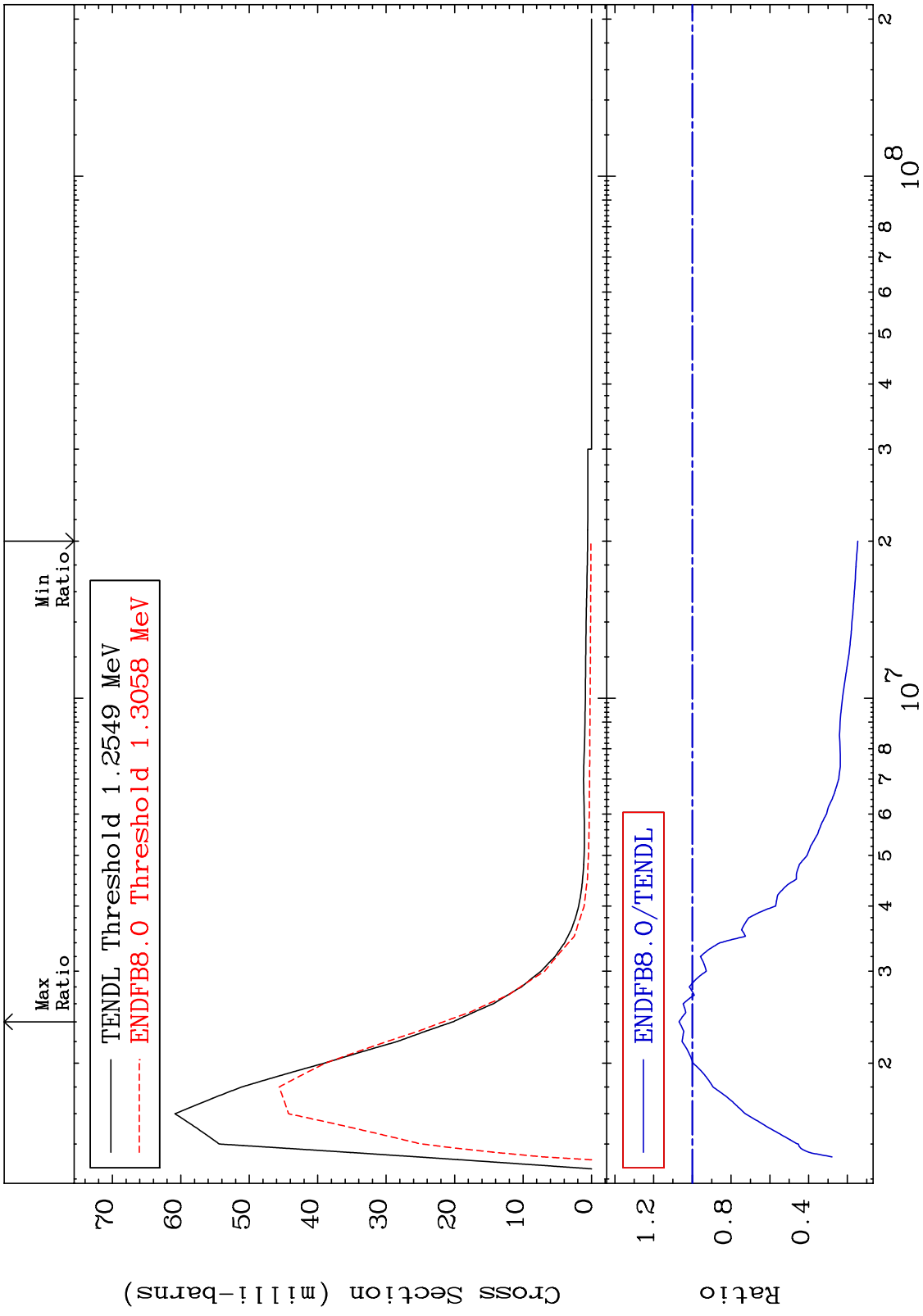
MAT 9643 MT= 72 (n,n') Level Cross Section 96-Cm-246
 -81.04 To 90.89 %



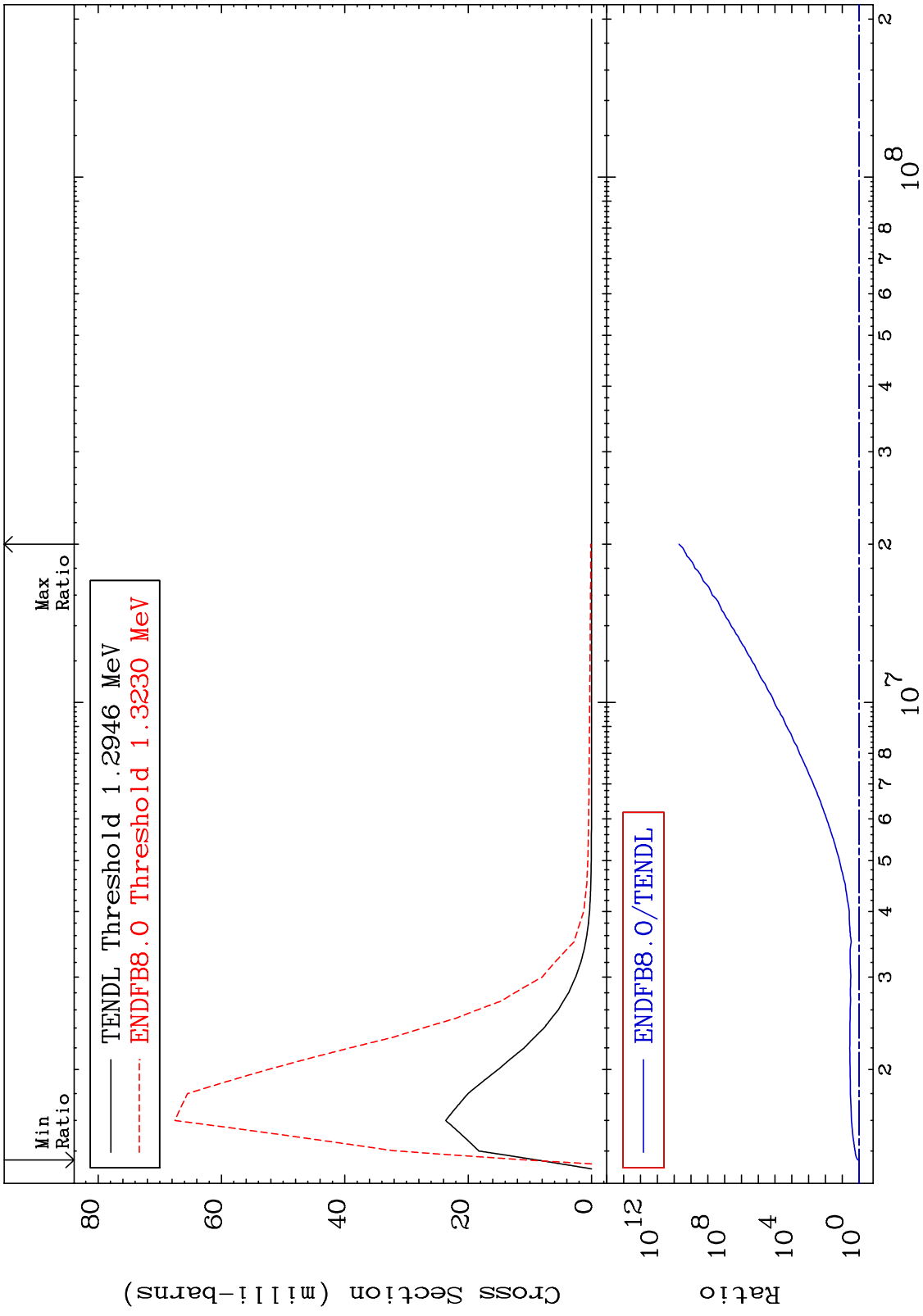
MAT 9643 MT= 73 (n,n') Level Cross Section 96-Cm-246 -78.04 To 198.9 %



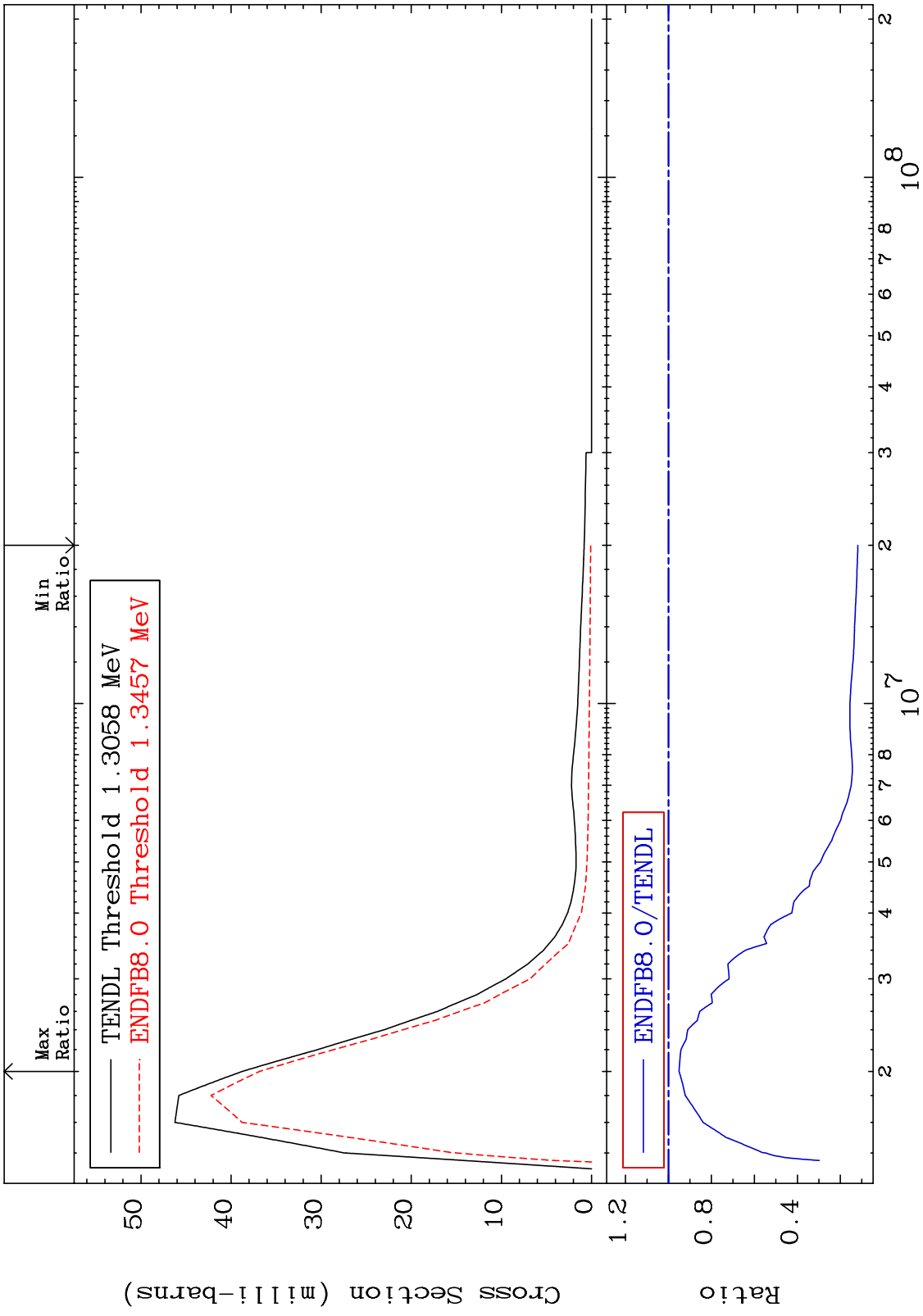
MAT 9643 MT= 74 (n,n') Level Cross Section 96-Cm-246
 -85.42 To 6.856 %



MAT 9643 MT= 75 (n,n') Level Cross Section 96-Cm-246
 19.01 To 9999. %



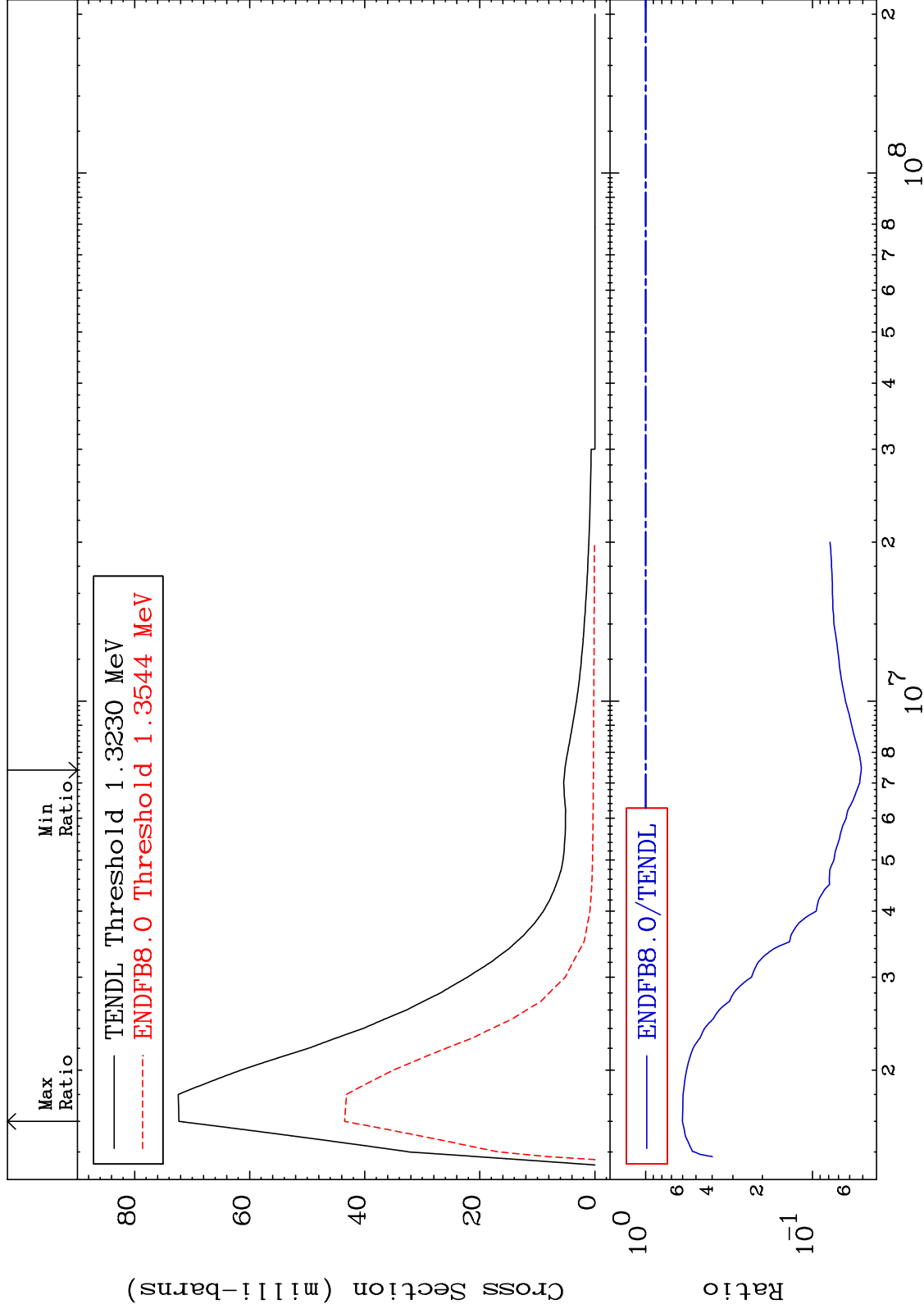
MAT 9643 MT= 76 (n,n') Level Cross Section 96-Cm-246
 -88.14 To -4.922%



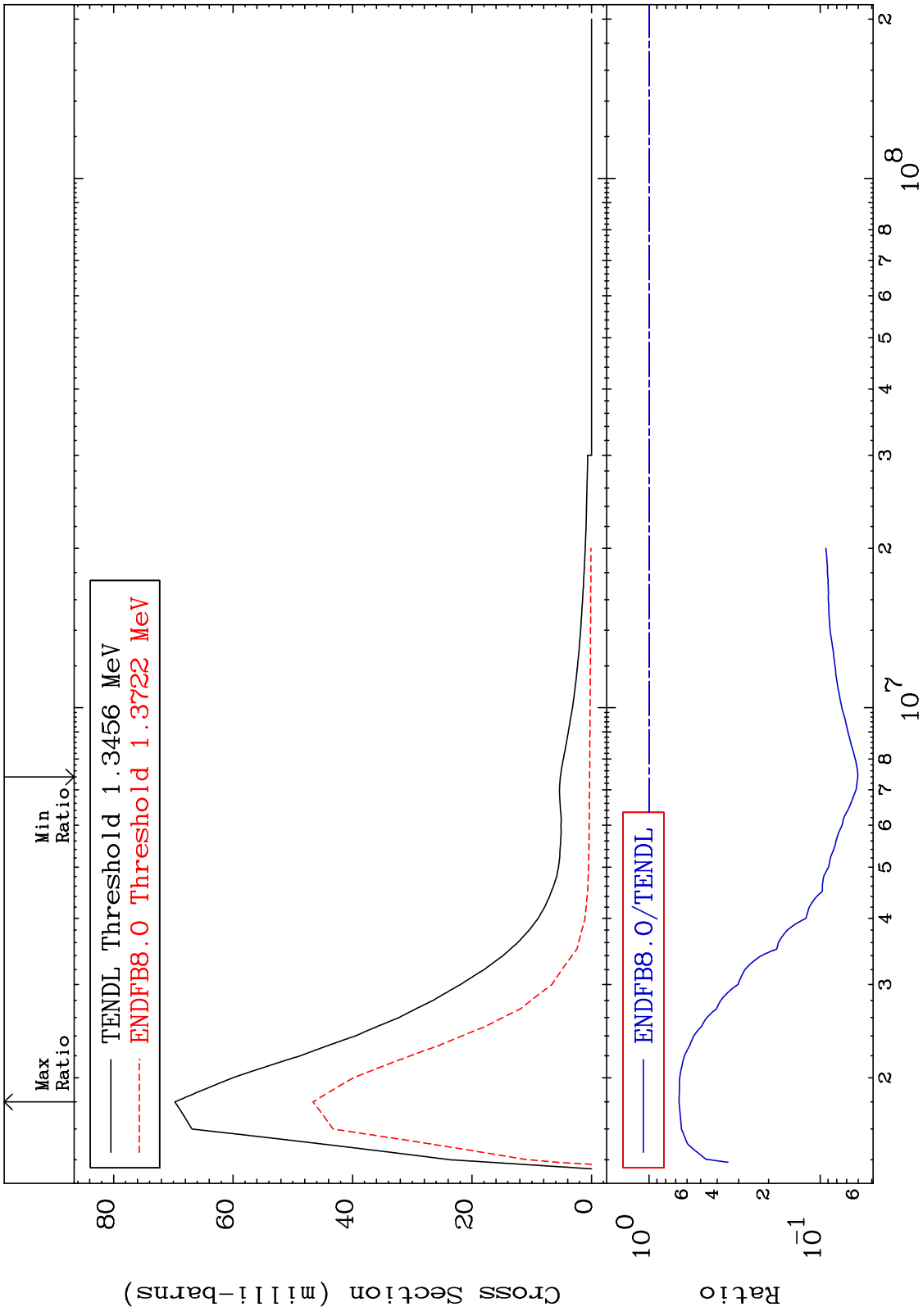
MAT 9643

MT= 77 (n,n') Level
Cross Section

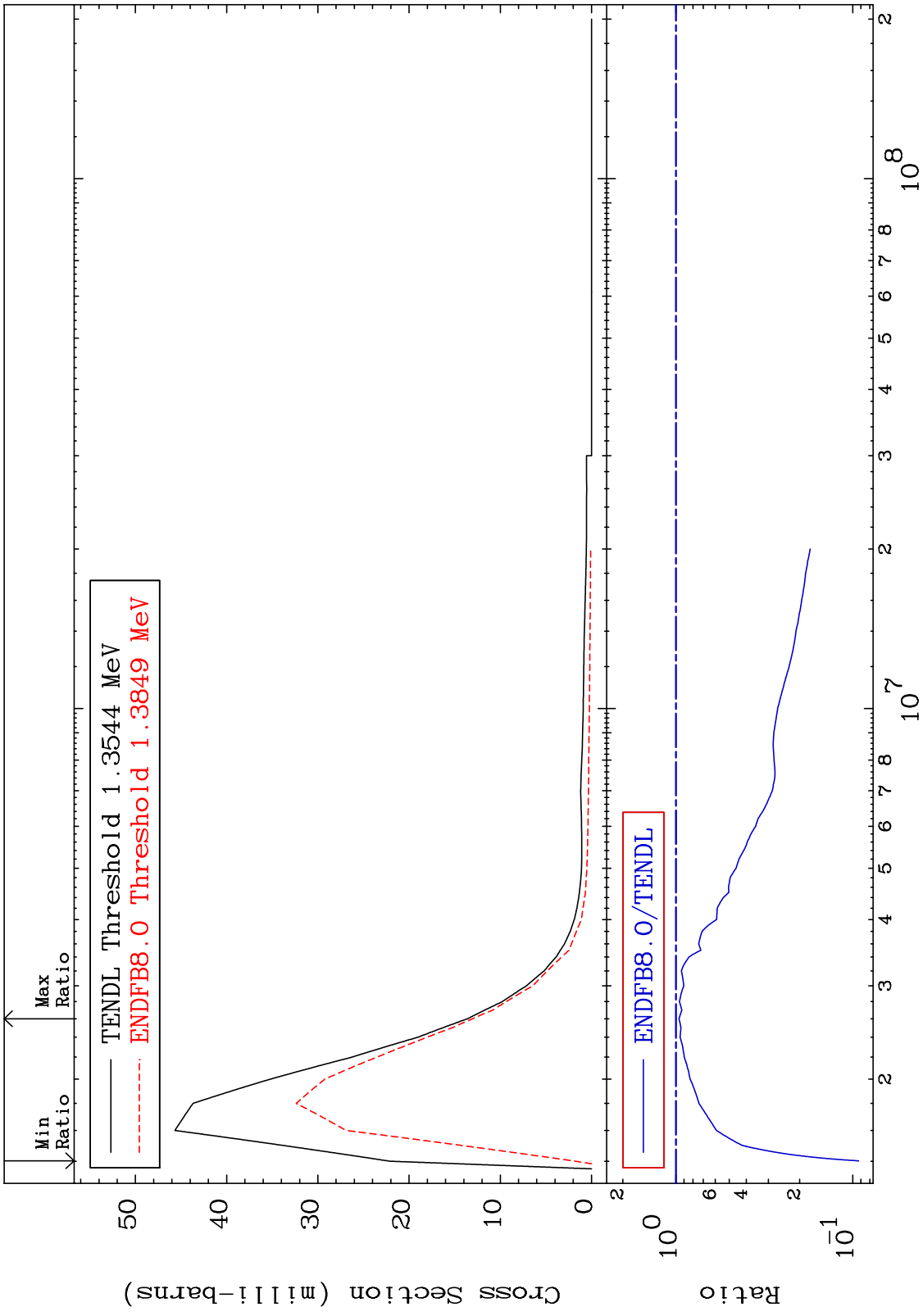
96-Cm-246
-94.89 To -39.84%



MAT 9643 MT= 78 (n,n') Level Cross Section 96-Cm-246
 -93.97 To -33.15%



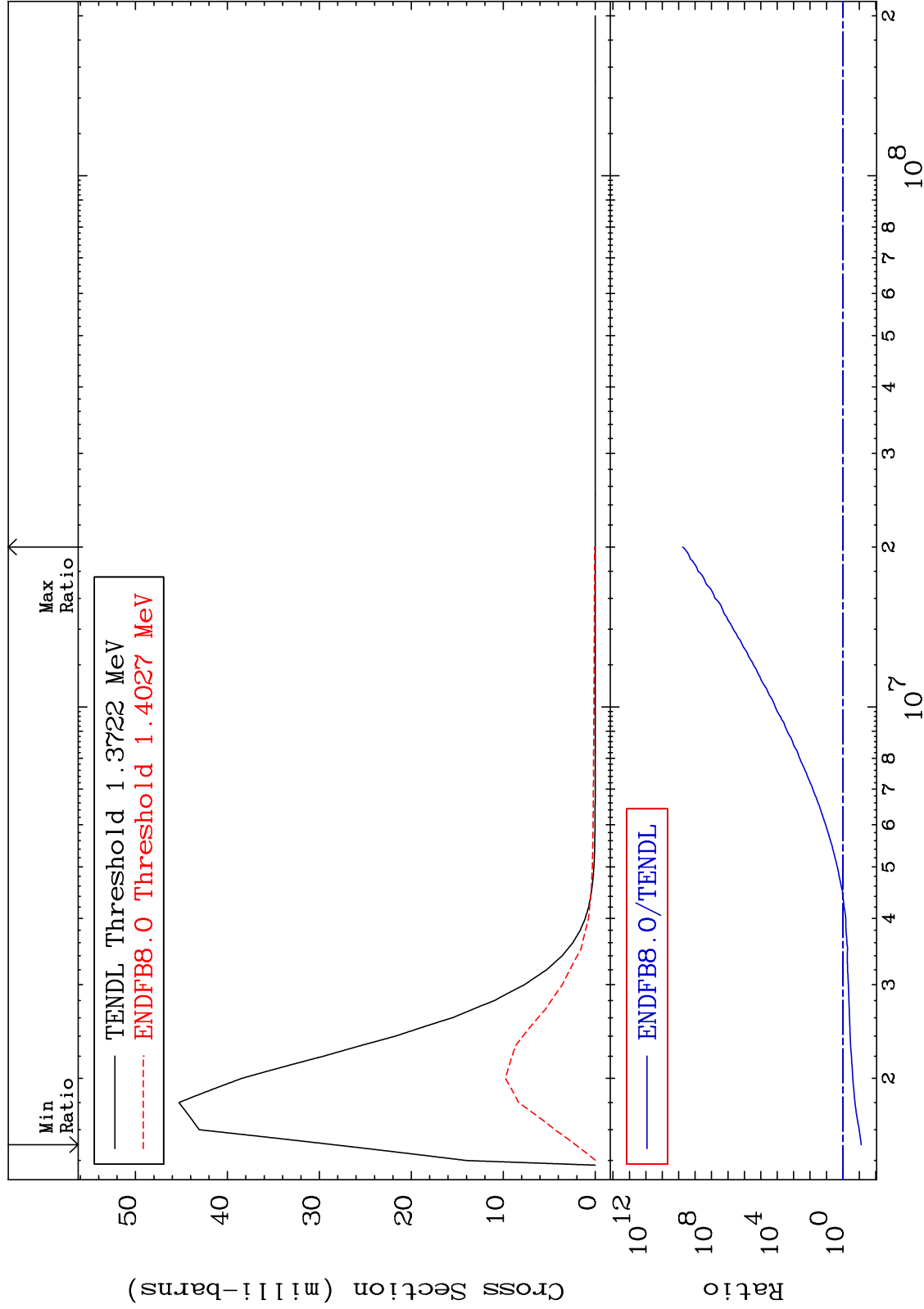
MAT 9643 MT= 79 (n,n') Level Cross Section 96-Cm-246
 -90.64 To -3.969%



MAT 9643

MT= 80 (n,n') Level
Cross Section

96-Cm-246
-92.45 To 9999. %



40

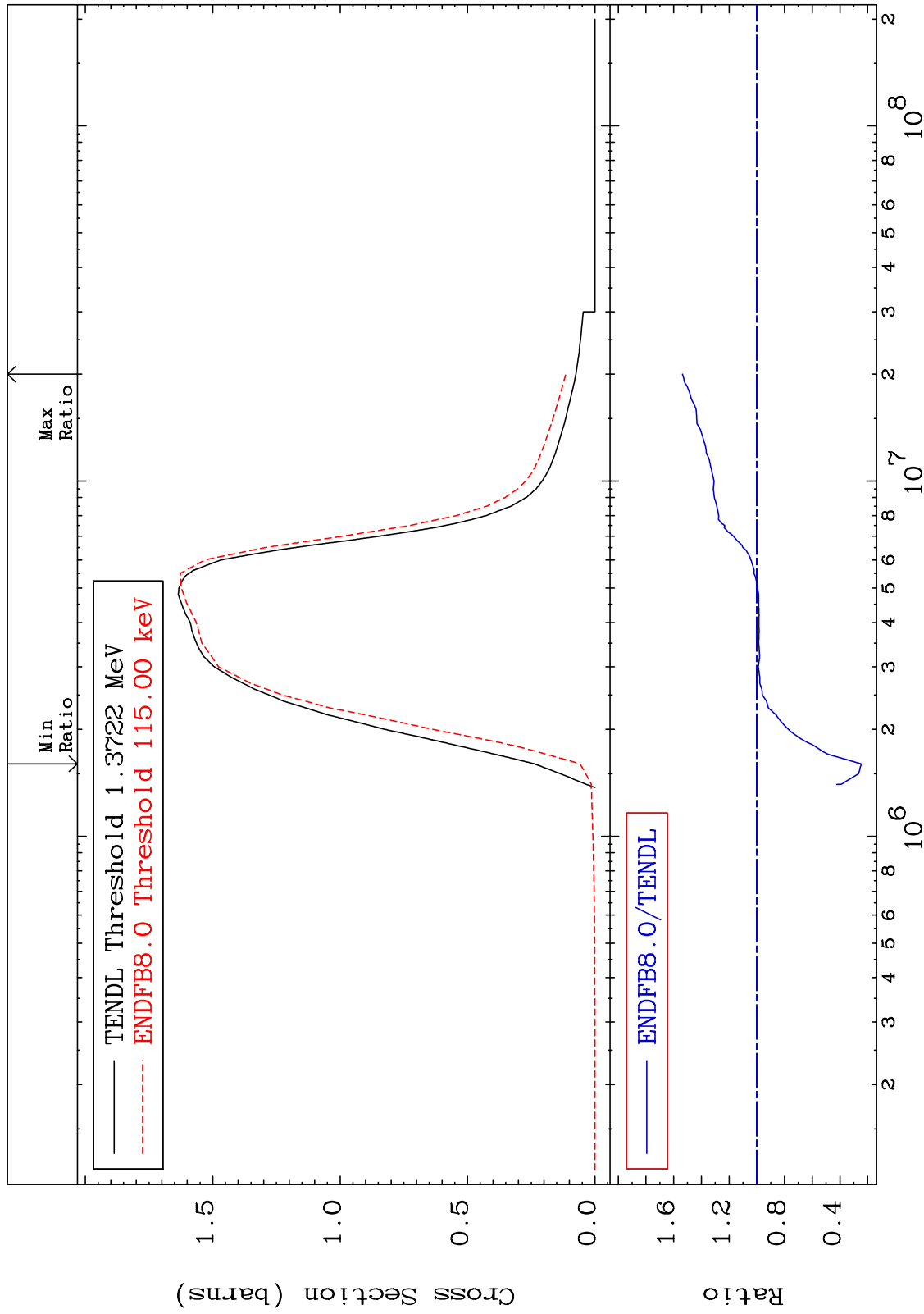
Incident Energy (eV)

96-Cm-246

MAT 9643

(n, n') Continuum
Cross Section

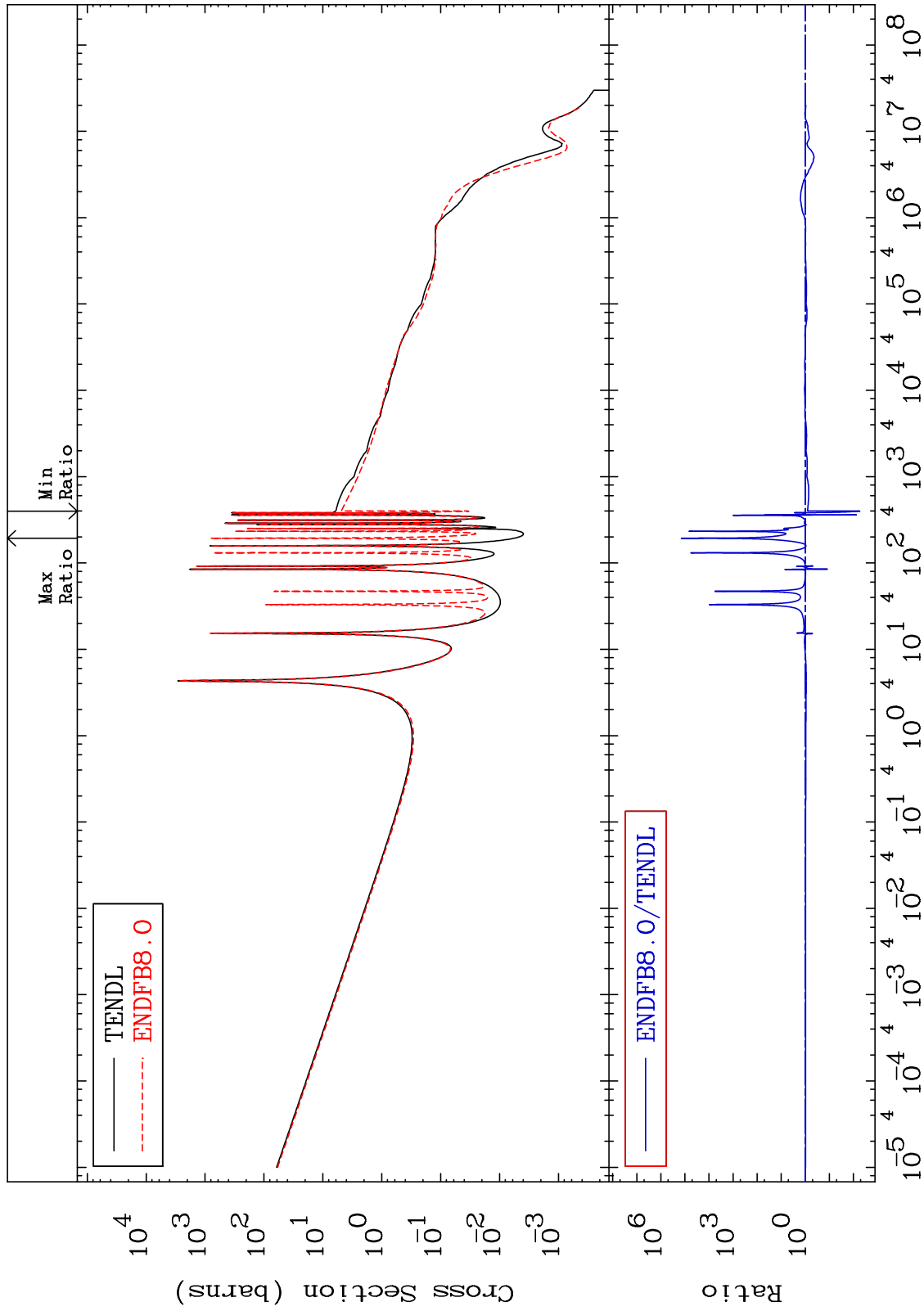
96-Cm-246
-75.39 To 53.65 %



MAT 9643

(n, γ)
Cross Section

96-Cm-246
-99.46 To 9999. %



42

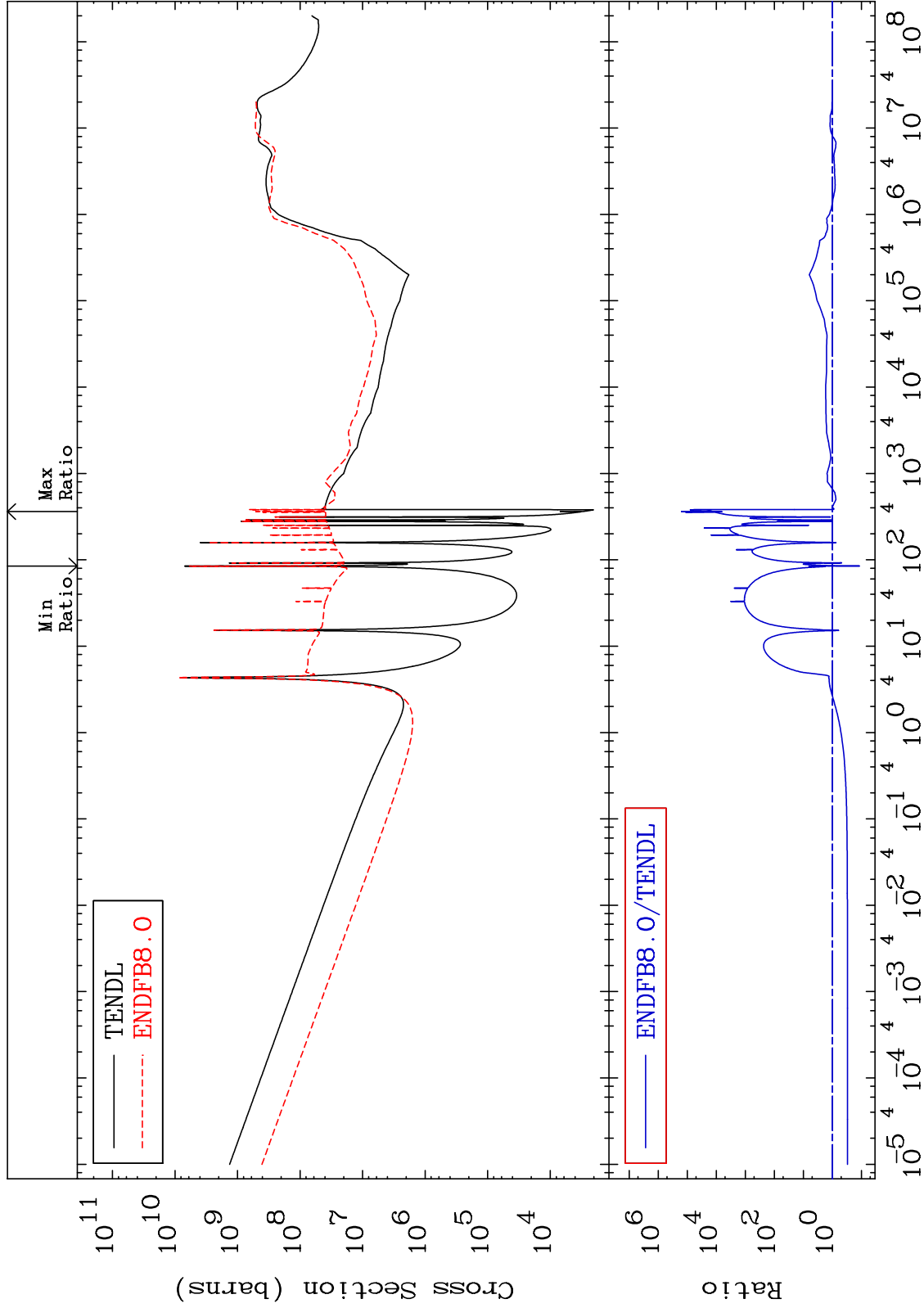
Incident Energy (eV)

96-Cm-246

MAT 9643

Kerma total (eV-barns)
Cross Section

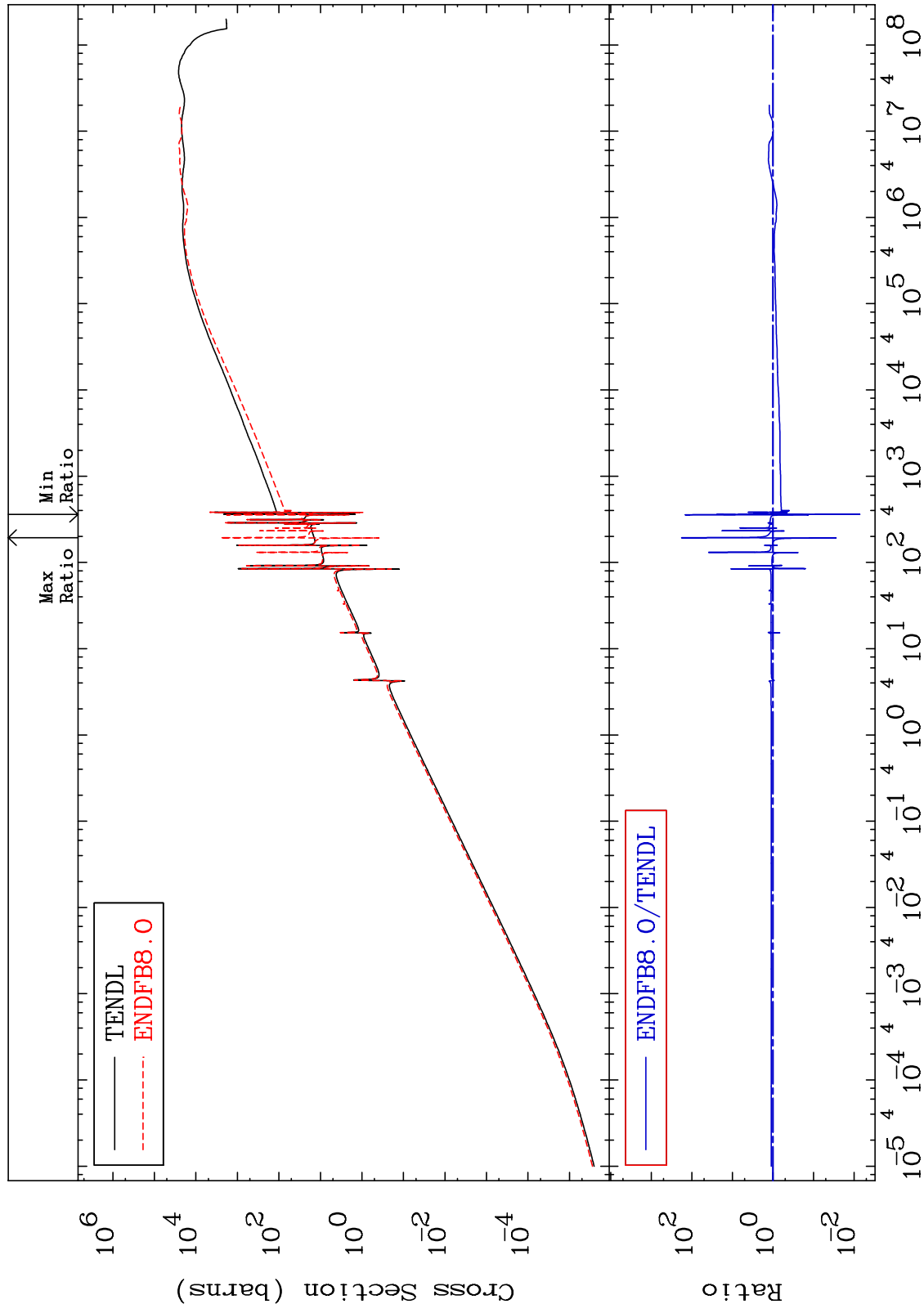
96-Cm-246
-88.54 To 9999. %



MAT 9643

Kerma elastic
Cross Section

96-Cm-246
-99.28 To 9999. %



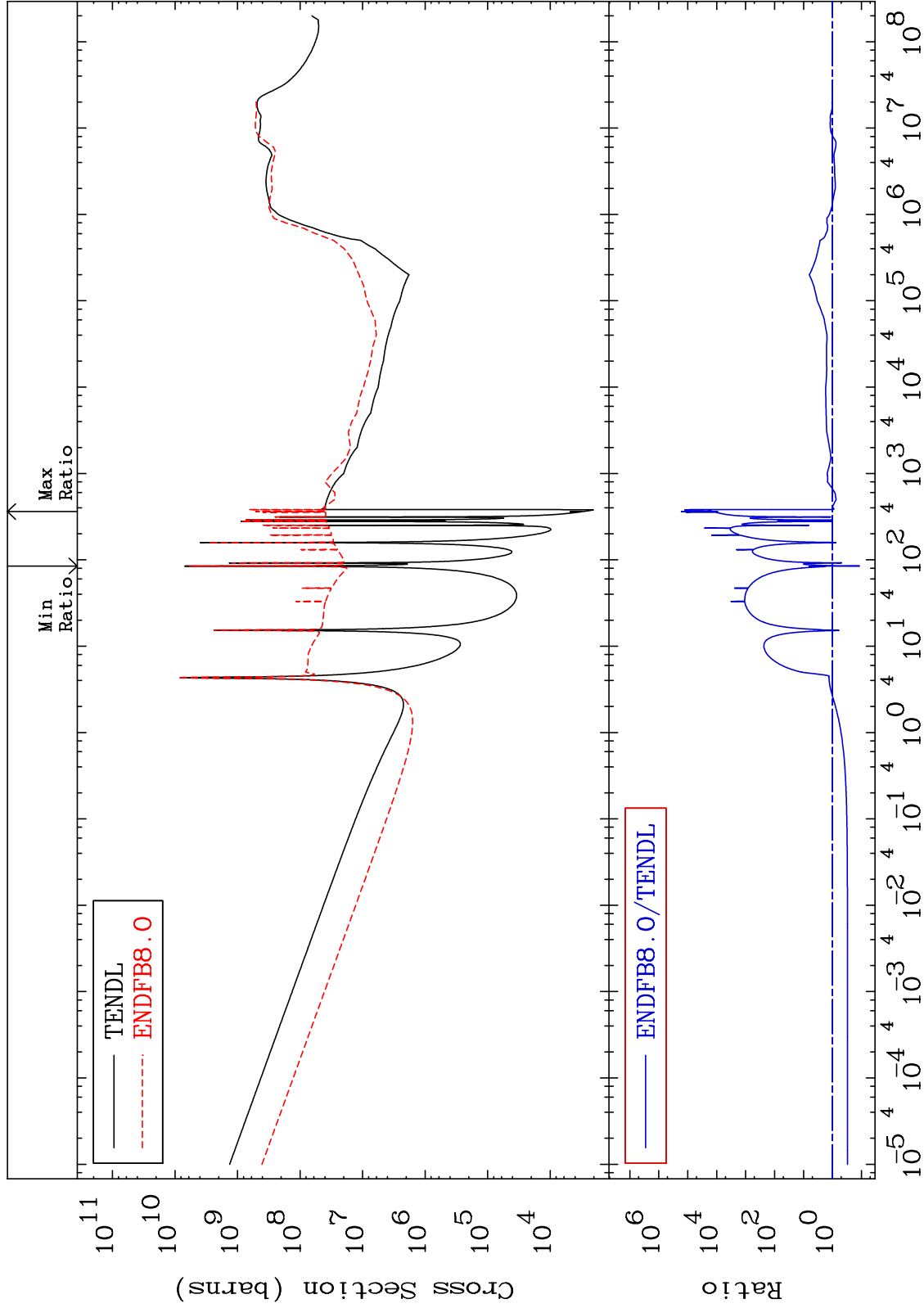
MAT 9643

Kerma non-elastic (all but mt2)

96-Cm-246

-88.54 To 9999. %

Cross Section

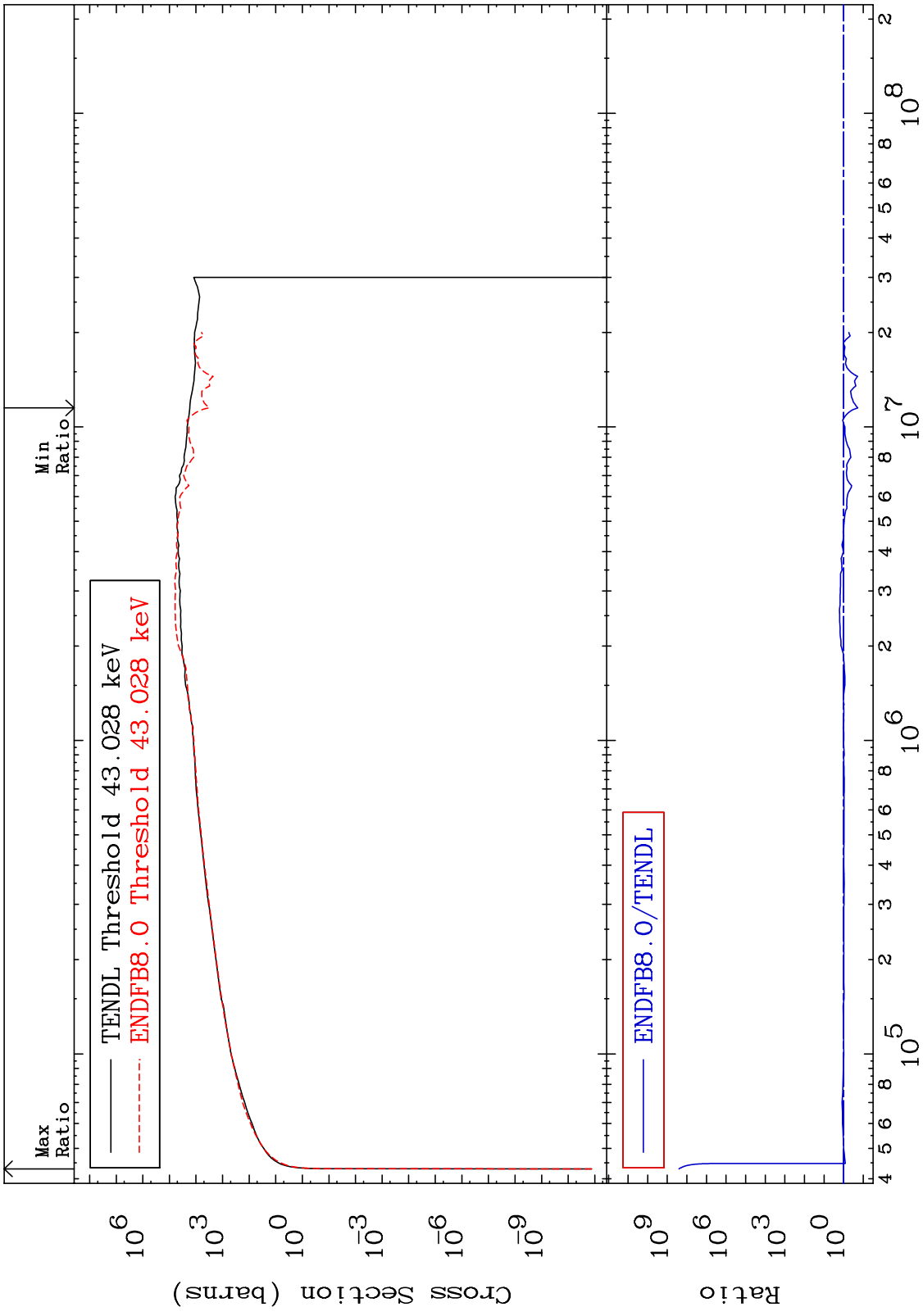


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Incident Energy (eV)

96-Cm-246

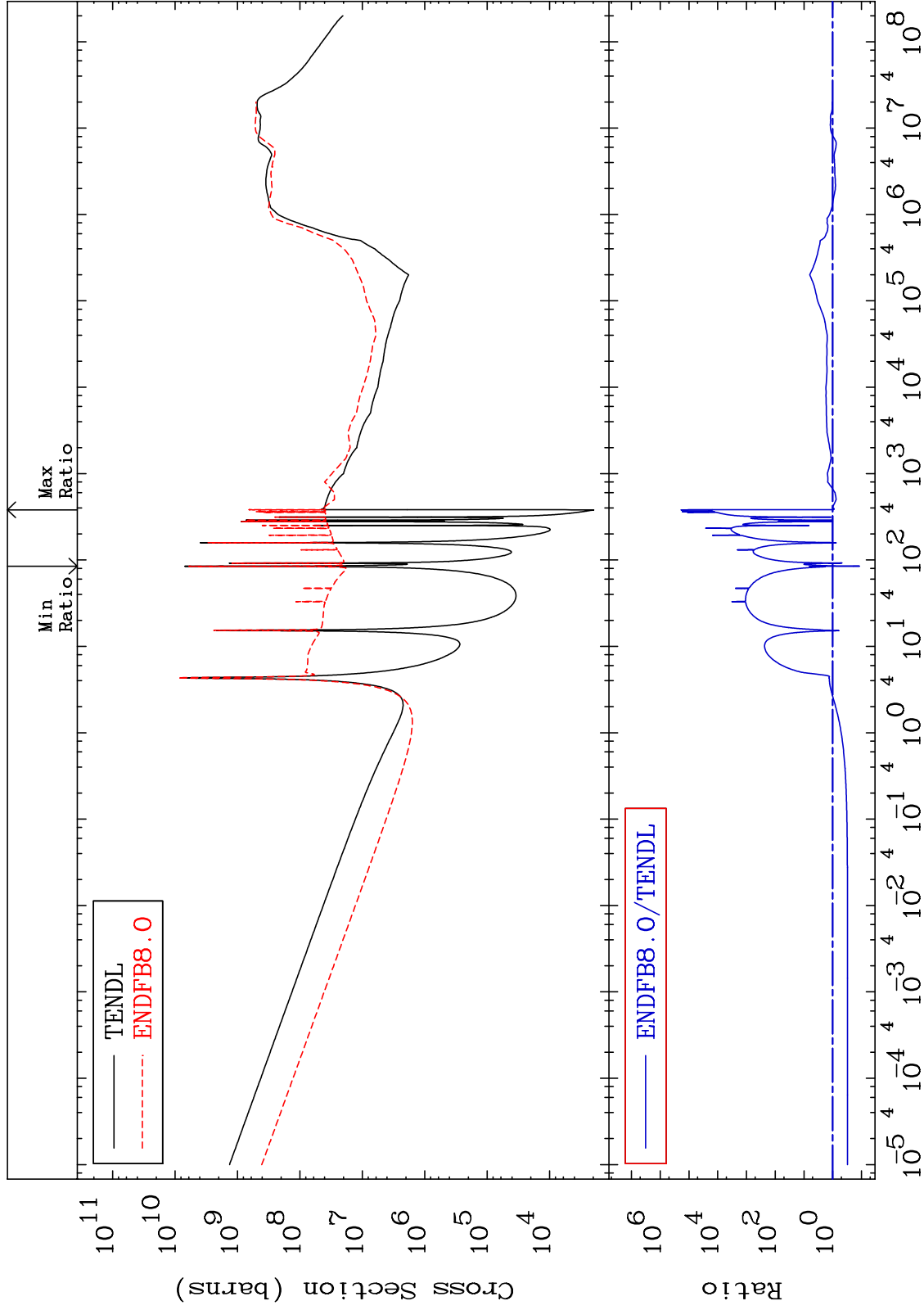
MAT 9643 Kerma inelastic (mt51-91) 96-Cm-246
 Cross Section -81.18 To 9999. %



MAT 9643

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

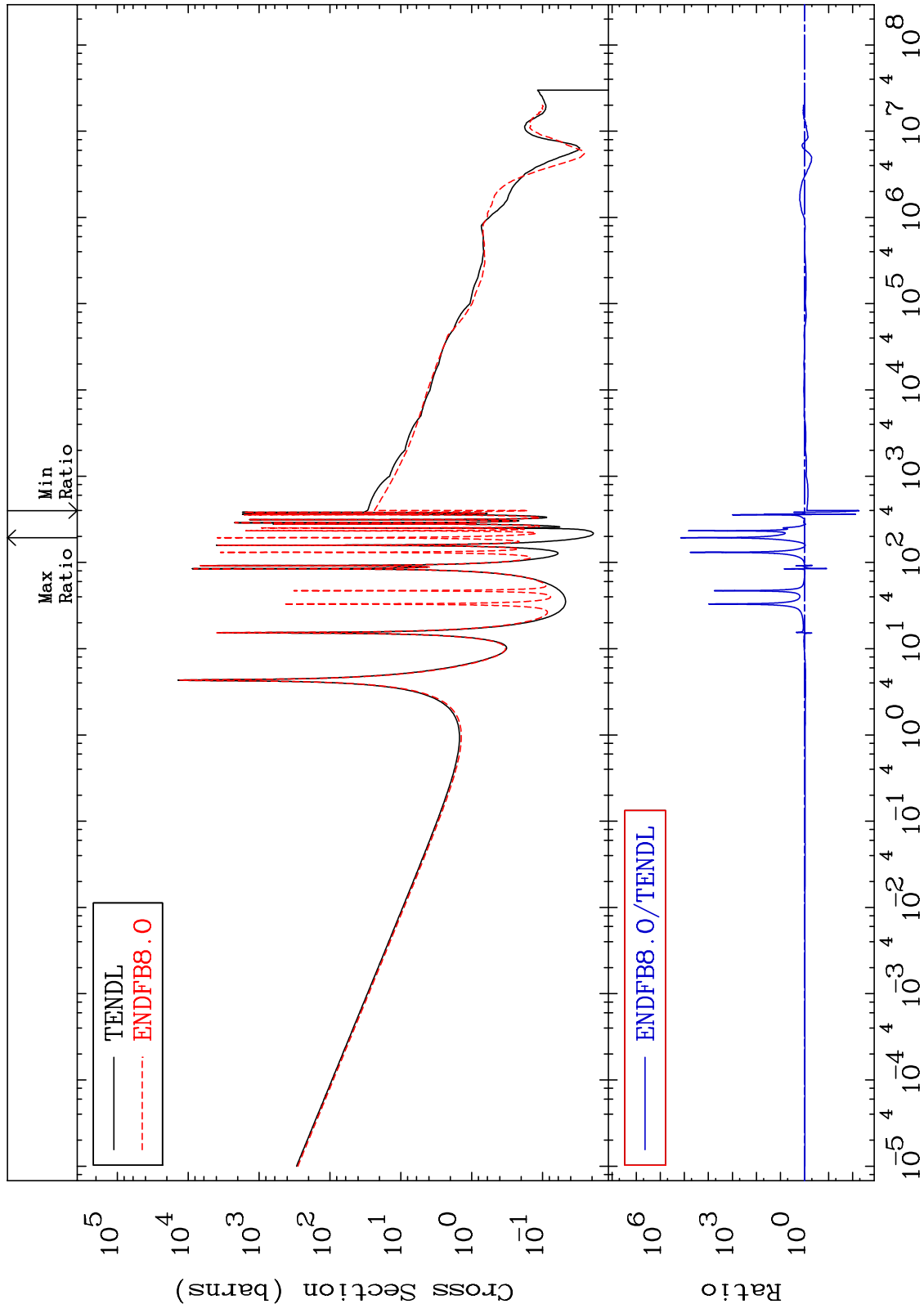
96-Cm-246
-88.54 To 9999. %



MAT 9643

Kerma capture (mt102)
Cross Section

96-Cm-246
-99.46 To 9999. %



48

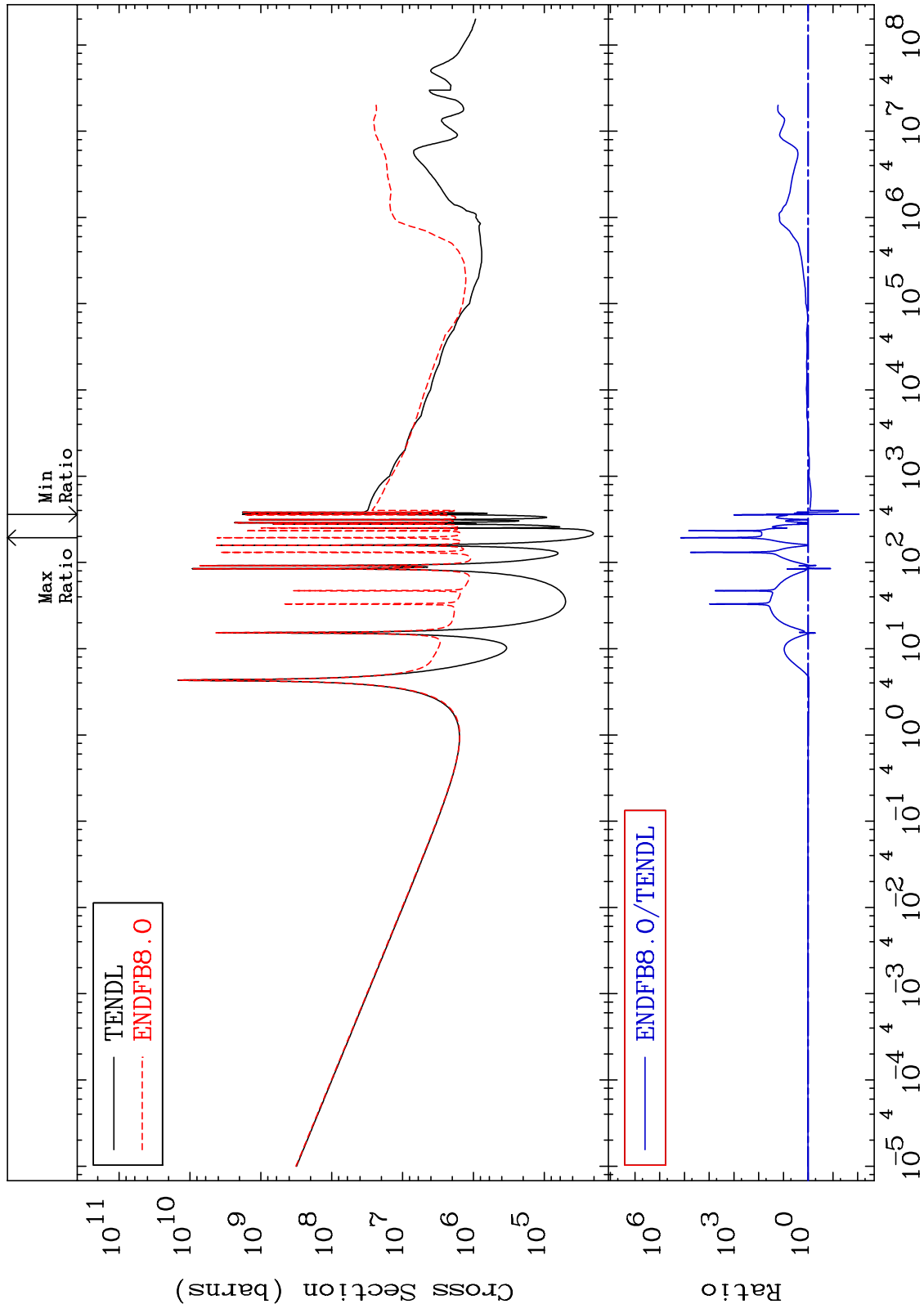
Incident Energy (eV)

96-Cm-246

MAT 9643

Total photon (eV-barns)
Cross Section

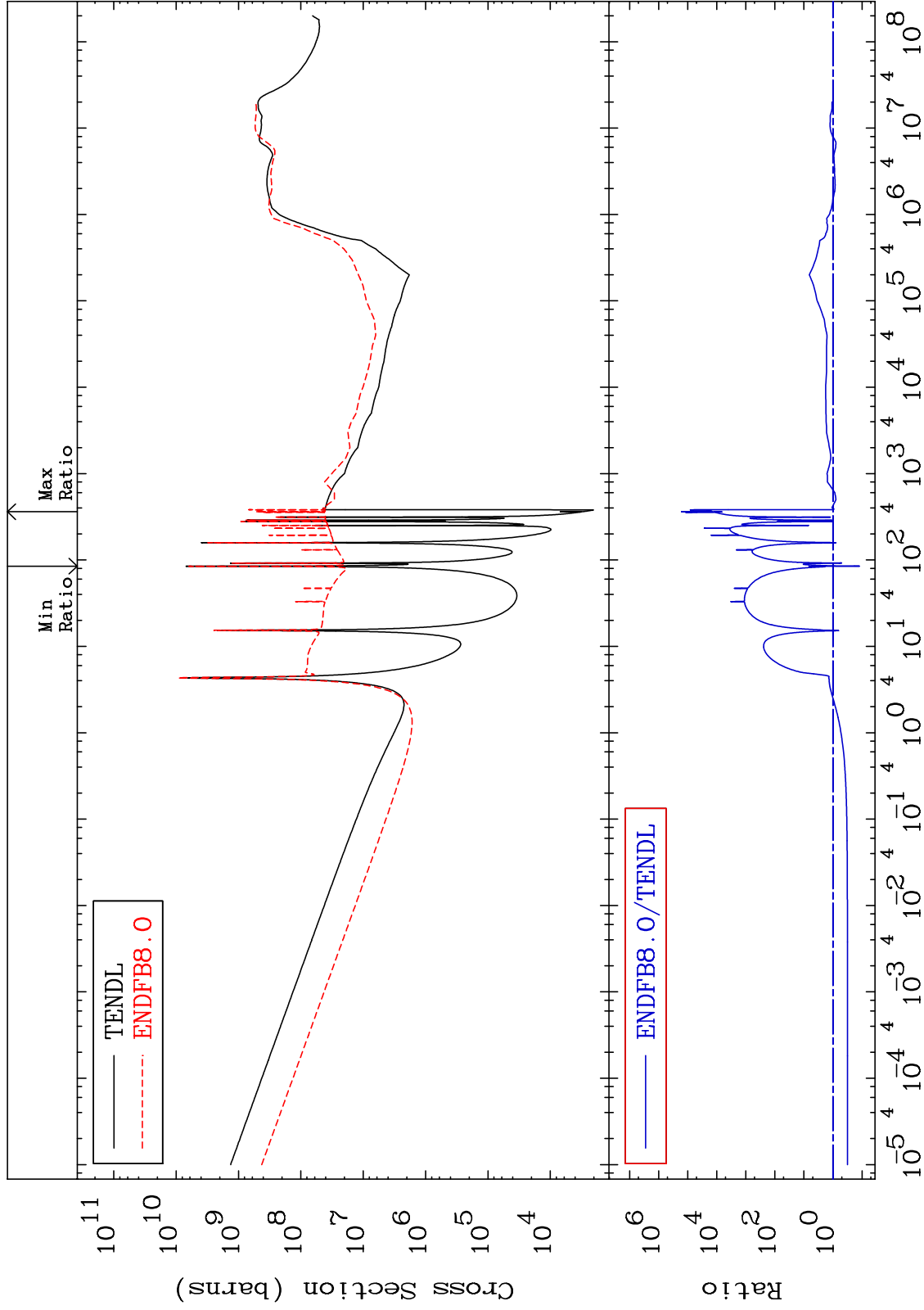
96-Cm-246
-99.12 To 9999. %



MAT 9643

Total kinematic kerma (high limit)
Cross Section

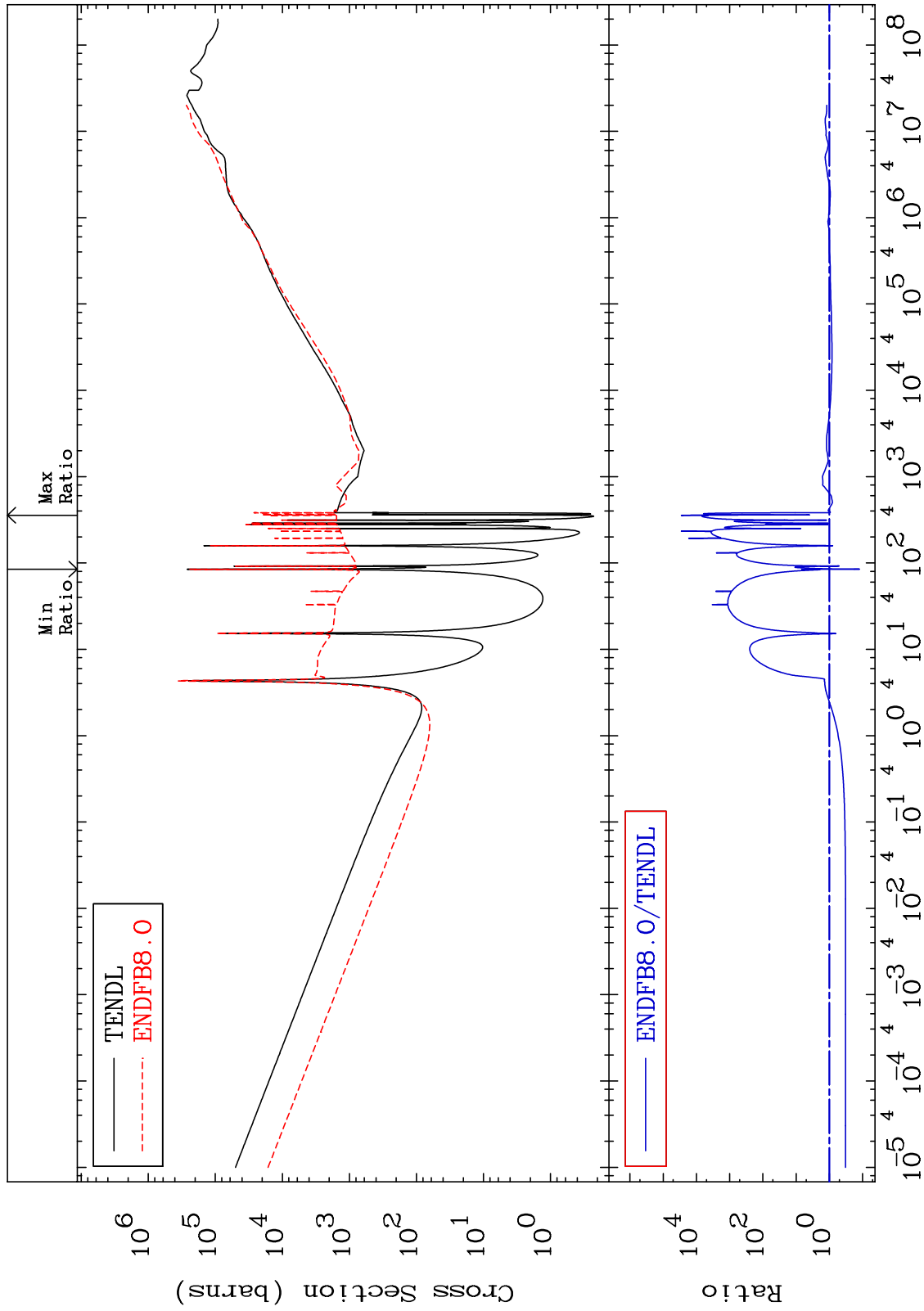
96-Cm-246
-88.04 To 9999. %



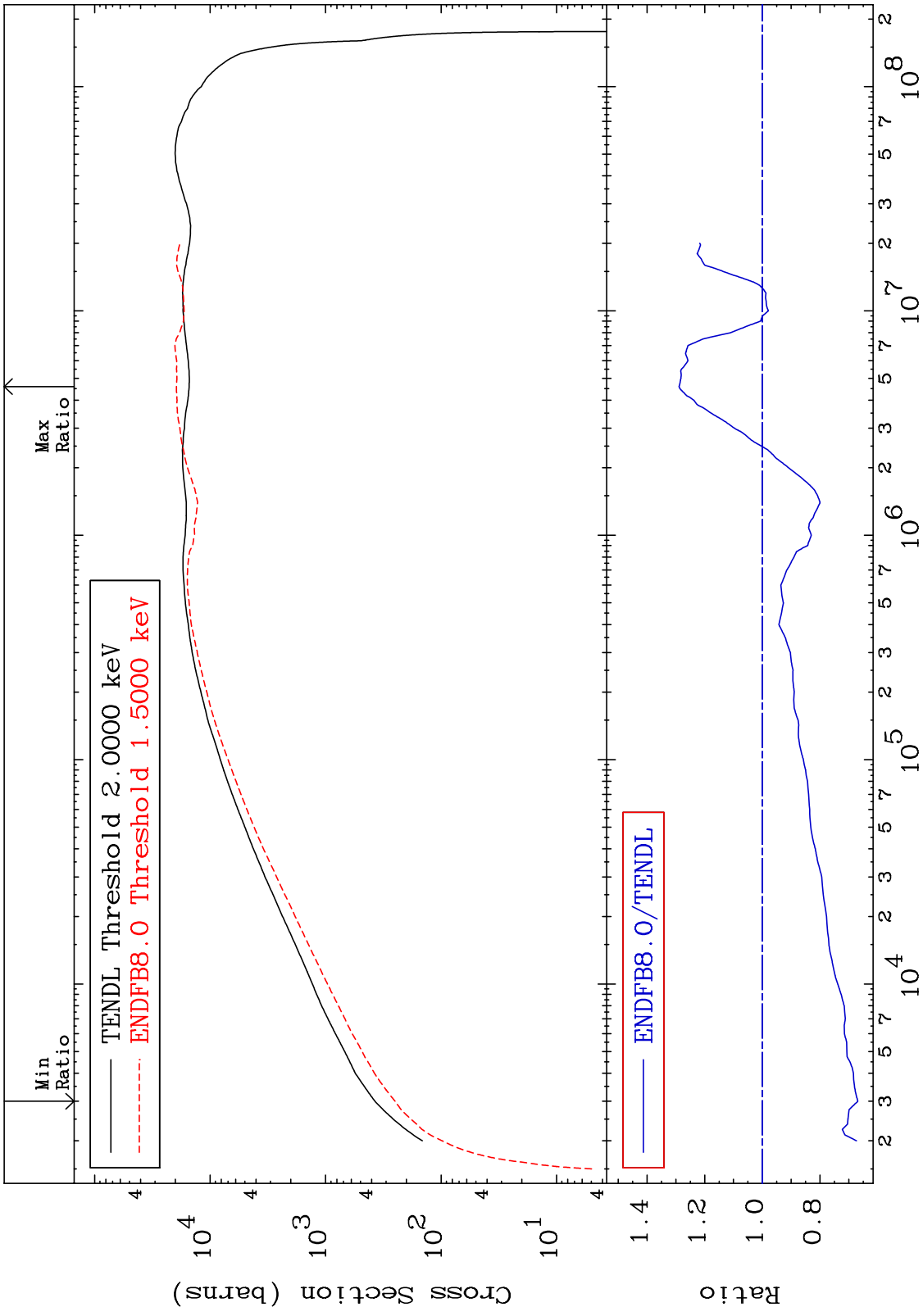
MAT 9643

Dpa total (eV-barns)
Cross Section

96-Cm-246
-87.79 To 9999. %



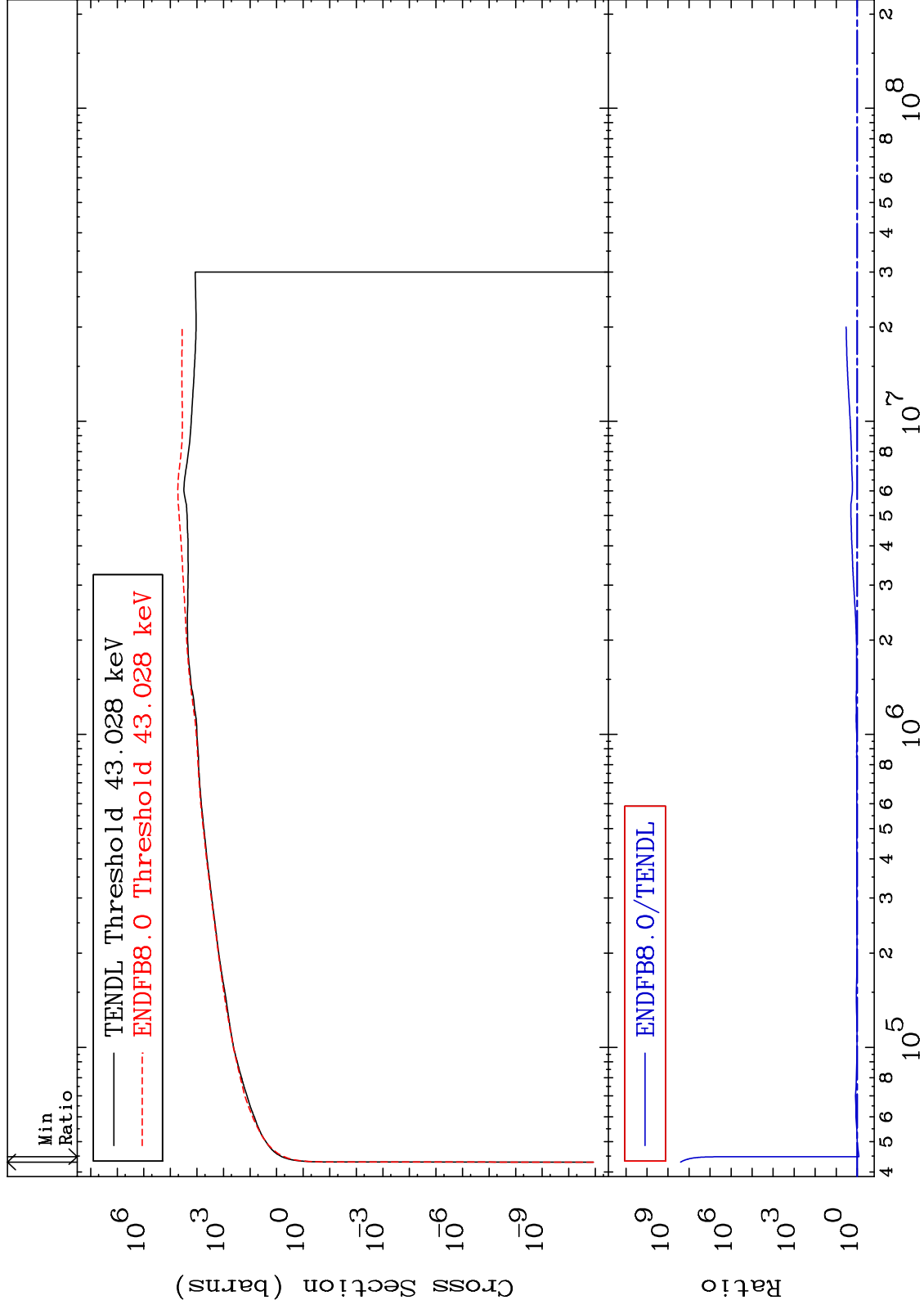
MAT 9643 96-Cm-246
 Dpa elastic (mt2) -33.11 To 28.89 %
 Cross Section



MAT 9643

Dpa inelastic (mt51-91)
Cross Section

96-Cm-246
-17.86 To 9999. %



MAT 9643

Dpa disappearance (mt102 -120)
Cross Section

96-Cm-246
-99.99 To 9999. %

